

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal6l7srh

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 6 DEC 14 CA/Caplus to be enhanced with updated IPC codes
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/Caplus with the
IPC reform
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
USPAT2
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
INPADOC
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 13 JAN 30 Saved answer limit increased
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency
added to TULSA

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:44:01 ON 31 JAN 2006

=> fil capl

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CAPLUS' ENTERED AT 13:44:06 ON 31 JAN 2006
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FILE COVERS 1907 - 31 Jan 2006 VOL 144 ISS 6
FILE LAST UPDATED: 30 Jan 2006 (20060130/ED)

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<http://www.cas.org/infopolicy.html>

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=> s 2002316903.pn.  
      0 2002316903  
      33039 PN  
      1948 PNS  
      34853 PN  
      (PN OR PNS)  
L1      0 2002316903.PN.  
      (2002316903 (W) PN)
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=> s kubota/au  
L2      1 KUBOTA/AU
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=> d
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L2  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2006 ACS on STN  
AN  1914:10756  CAPLUS  
DN  8:10756  
OREF 8:1607i,1608a  
TI  Influence of osmotic pressure on the caliber of the blood vessels  
AU  Kubota  
SO  Mill. Med. Ges. Tokio (1914), 27(No. 21), also in Zentr. Biochem.  
    Biophys., 16, 194  
DT  Journal  
LA  Unavailable
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=> s kubota, h?/au  
L3      2469 KUBOTA, H?/AU
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=> s algicide  
      1497 ALGICIDE  
      2165 ALGICIDES  
L4      2428 ALGICIDE  
      (ALGICIDE OR ALGICIDES)
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```
=> s l3 and l4  
L5      2 L3 AND L4
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```
=> d ibib tot
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L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1998:402736 CAPLUS
 DOCUMENT NUMBER: 129:64302
 TITLE: Synergistic industrial **algicides** containing
 isothiazolines and benzimidazoles
 INVENTOR(S): **Kubota, Hisao**; Endo, Toshio
 PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10167911	A2	19980623	JP 1996-338898	19961203
PRIORITY APPLN. INFO.:			JP 1996-338898	19961203
OTHER SOURCE(S):	MARPAT 129:64302			

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1996:211881 CAPLUS
 DOCUMENT NUMBER: 124:253329
 TITLE: Stable slimicidal compositions containing
 isothiazolones
 INVENTOR(S): **Kubota, Hisao**; Kusaka, Daiki
 PATENT ASSIGNEE(S): Takeda Chemical Industries Ltd., Japan; Japan
 Envirochemicals Ltd.
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07324007	A2	19951212	JP 1995-78555	19950404
JP 3576255	B2	20041013		
US 5559083	A	19960924	US 1995-415517	19950403
PRIORITY APPLN. INFO.:			JP 1994-66281	A 19940404
OTHER SOURCE(S):	MARPAT 124:253329			

=> s 200292552.pn.
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 33039 PN
 1948 PNS
 34853 PN
 (PN OR PNS)
 L6 0 200292552.PN.
 (200292552 (W) PN)

=> s wo200292552.pn.
 0 WO200292552
 33039 PN
 1948 PNS
 34853 PN
 (PN OR PNS)
 L7 0 WO200292552.PN.
 (WO200292552 (W) PN)

=> s wo2002092552.pn.

0 WO2002092552
33039 PN
1948 PNS
34853 PN

(PN OR PNS)

L8 0 WO2002092552.PN.
(WO2002092552 (W) PN)

=> s jp2002316903.pn.
0 JP2002316903
33039 PN
1948 PNS
34853 PN

(PN OR PNS)

L9 0 JP2002316903.PN.
(JP2002316903 (W) PN)

=> s jp2002-316903.pn.
0 JP2002
0 316903
33039 PN
1948 PNS
34853 PN

(PN OR PNS)

L10 0 JP2002-316903.PN.
(JP2002 (W) 316903 (W) PN)

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	37.84	38.05

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 13:48:02 ON 31 JAN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal617srh

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 13:48:53 ON 31 JAN 2006
FILE 'CAPLUS' ENTERED AT 13:48:53 ON 31 JAN 2006
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	37.84	38.05

=> s heet, b?/au

L11 0 HEET, B?/AU

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	41.63	41.84

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 13:51:11 ON 31 JAN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1617srh

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 14:01:23 ON 31 JAN 2006
FILE 'CAPLUS' ENTERED AT 14:01:23 ON 31 JAN 2006
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	41.63	41.84

=> s heer, b?/au

L12 11 HEER, B?/AU

=> d ti tot

L12 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Microbicidal composition

L12 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Microbicidal composition

L12 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Microbicidal composition

L12 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Synergistic microbiocidal composition

L12 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Environmentally acceptable recycling of masonry wastes

L12 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Thermal and hydraulic measurement in the ITER QUELL Experiments

L12 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI The ITER-QUELL, a quench propagation experiment on long length CICC with central channel

L12 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Determination of prostate-specific antigens (PSA) in serum and comparison of PSA tests with the new Stratus reagent method

L12 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Test of lepton-flavor conservation in $\mu \rightarrow e$ conversion on titanium

L12 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Isoenzyme pattern of malate dehydrogenase during respiratory derepression in Schizosaccharomyces pombe

L12 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Regulatory and physicochemical properties of two isoenzymes of malate dehydrogenase from Schizosaccharomyces pombe

=> d ibib 1-4

L12 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:825132 CAPLUS
DOCUMENT NUMBER: 141:320093
TITLE: Microbicidal composition
INVENTOR(S): Heer, Beat; Tiedtke, Gerhard; Hegarty, Bryan
Martin
PATENT ASSIGNEE(S): Switz.
SOURCE: U.S. Pat. Appl. Publ., 4 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004198729	A1	20041007	US 2004-812040	20040329
JP 2004307482	A2	20041104	JP 2004-82174	20040322
BR 2004000788	A	20050628	BR 2004-788	20040326
EP 1468608	A2	20041020	EP 2004-251954	20040401
EP 1468608	A3	20041208		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1535582	A	20041013	CN 2004-10033348	20040402
PRIORITY APPLN. INFO.:			US 2003-460948P	P 20030407
OTHER SOURCE(S):			MARPAT 141:320093	

L12 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:825128 CAPLUS
DOCUMENT NUMBER: 141:320092
TITLE: Microbicidal composition
INVENTOR(S): Heer, Beat; Tiedtke, Gerhard; Hegarty, Bryan
Martin
PATENT ASSIGNEE(S): Switz.
SOURCE: U.S. Pat. Appl. Publ., 4 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004198714	A1	20041007	US 2004-812127	20040329
JP 2004307483	A2	20041104	JP 2004-82195	20040322
BR 2004000786	A	20050628	BR 2004-786	20040326
EP 1468607	A2	20041020	EP 2004-251964	20040401
EP 1468607	A3	20041215		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1535583	A	20041013	CN 2004-10033349	20040402
PRIORITY APPLN. INFO.:			US 2003-460923P	P 20030407

L12 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:825127 CAPLUS
DOCUMENT NUMBER: 141:320091
TITLE: Microbicidal composition
INVENTOR(S): Heer, Beat; Tiedtke, Gerhard; Hegarty, Bryan
Martin
PATENT ASSIGNEE(S): Switz.
SOURCE: U.S. Pat. Appl. Publ., 4 pp.
CODEN: USXXCO

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004198713	A1	20041007	US 2004-811518	20040329
JP 2004315507	A2	20041111	JP 2004-82164	20040322
BR 2004000787	A	20050628	BR 2004-787	20040326
EP 1466526	A2	20041013	EP 2004-251945	20040401
EP 1466526	A3	20041124		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1535581	A	20041013	CN 2004-10033347	20040402
PRIORITY APPLN. INFO.:			US 2003-460925P	P 20030407
OTHER SOURCE(S):	MARPAT 141:320091			

L12 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:794524 CAPLUS

DOCUMENT NUMBER: 141:282921

TITLE: Synergistic microbiocidal composition

INVENTOR(S): Heer, Beat; Tiedtke, Gerhard; Warwick,
Eileen Fleck

PATENT ASSIGNEE(S): Rohm and Haas Company, USA

SOURCE: Eur. Pat. Appl., 21 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1462003	A1	20040929	EP 2004-251466	20040315
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
BR 2004000354	A	20041228	BR 2004-354	20040315
ZA 2004002085	A	20040916	ZA 2004-2085	20040316
CN 1531848	A	20040929	CN 2004-10030080	20040318
US 2004198785	A1	20041007	US 2004-803237	20040318
JP 2004292449	A2	20041021	JP 2004-89001	20040325
PRIORITY APPLN. INFO.:			US 2003-458203P	P 20030326

=> sel rn 1

E1 THROUGH E9 ASSIGNED

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

53.69

53.90

FILE 'REGISTRY' ENTERED AT 14:03:53 ON 31 JAN 2006

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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 30 JAN 2006 HIGHEST RN 873057-98-8

DICTIONARY FILE UPDATES: 30 JAN 2006 HIGHEST RN 873057-98-8

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TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

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conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*
*****
```

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

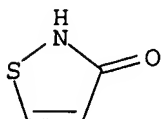
<http://www.cas.org/ONLINE/UG/regprops.html>

=> s el-9

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      1 1003-07-2/BI
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      1 129348-50-1/BI
        (129348-50-1/RN)
      1 26530-20-1/BI
        (26530-20-1/RN)
      1 28159-98-0/BI
        (28159-98-0/RN)
      1 290-87-9/BI
        (290-87-9/RN)
      1 463-77-4/BI
        (463-77-4/RN)
      1 55406-53-6/BI
        (55406-53-6/RN)
      1 64359-81-5/BI
        (64359-81-5/RN)
      1 886-50-0/BI
        (886-50-0/RN)
L13      9 (1003-07-2/BI OR 129348-50-1/BI OR 26530-20-1/BI OR 28159-98-0/B
        I OR 290-87-9/BI OR 463-77-4/BI OR 55406-53-6/BI OR 64359-81-5/B
        I OR 886-50-0/BI)
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=> d scan

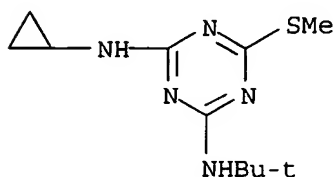
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L13  9 ANSWERS  REGISTRY  COPYRIGHT 2006 ACS on STN
IN   3(2H)-Isothiazolone (9CI)
MF   C3 H3 N O S
CI   COM
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

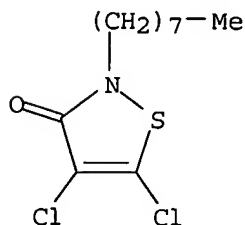
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):8

L13 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI)
MF C11 H19 N5 S
CI COM



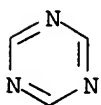
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI)
MF C11 H17 Cl2 N O S
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

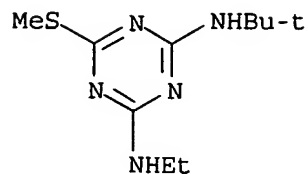
L13 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1,3,5-Triazine (9CI)
MF C3 H3 N3
CI COM, RPS



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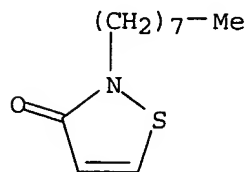
L13 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-

(9CI)
 MF C10 H19 N5 S
 CI COM



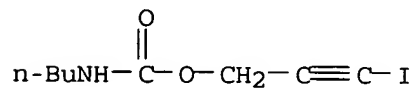
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
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 MF C11 H19 N O S
 CI COM



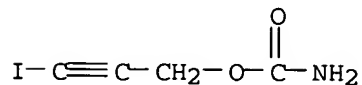
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L13 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI)
 MF C8 H12 I N O2
 CI COM



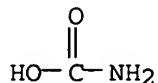
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 2-Propyn-1-ol, 3-iodo-, carbamate (9CI)
 MF C4 H4 I N O2
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Carbamic acid (6CI, 7CI, 8CI, 9CI)
MF C H3 N O2
CI COM

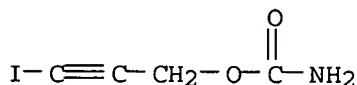


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> d tot

L13 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN
RN 129348-50-1 REGISTRY
ED Entered STN: 14 Sep 1990
CN 2-Propyn-1-ol, 3-iodo-, carbamate (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 3-Iodopropargyl carbamate
FS 3D CONCORD
MF C4 H4 I N O2
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL

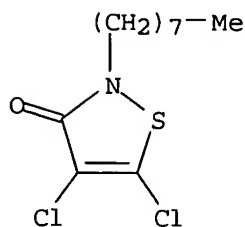


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

9 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
9 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN
RN 64359-81-5 REGISTRY
ED Entered STN: 16 Nov 1984
CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 4,5-Dichloro-2-n-octyl-3-isothiazolone
CN 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one
CN 4,5-Dichloro-2-n-octylisothiazolin-3-one
CN 4,5-Dichloro-2-octyl-3(2H)-isothiazolone
CN 4,5-Dichloro-2-octyl-3-isothiazolone
CN 4,5-Dichloro-2-octyl-4-isothiazolin-3-one
CN 4,5-Dichloro-2-octylisothiazolin-3-one
CN C 9211
CN Dichloro-N-octylisothiazolin-3-one
CN Ecoplast T 20
CN Kathon 287PXE
CN Kathon 287T
CN Kathon 287tech

CN Kathon 5287
 CN Kathon 910SB
 CN Kathon 930
 CN Kathon RH 287
 CN Klarix 4000
 CN Nalco 2894
 CN RH 287
 CN Sea-Nine
 CN Sea-Nine 211
 CN Sea-Nine 221
 FS 3D CONCORD
 MF C11 H17 Cl2 N O S
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, CA, CAPLUS,
 CASREACT, CHEMLIST, CIN, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*,
 NIOSHTIC, PIRA, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

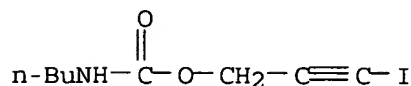


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

392 REFERENCES IN FILE CA (1907 TO DATE)
 36 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 395 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 55406-53-6 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3-Iodo-2-propynyl butylcarbamate
 CN 3-Iodo-2-propynyl N-butylcarbamate
 CN 3-Iodopropargyl n-butylcarbamate
 CN Acticide IPW 50
 CN Biodocarb
 CN Coatcide 123
 CN Dekaben LMB
 CN Glycacil
 CN Guardsan 388
 CN IBF 8DOP
 CN Iodocarb
 CN IPBC
 CN IPBC 40
 CN Mergal 710S
 CN MP 100
 CN Omacide IPBC
 CN Omacide IPBC 100
 CN Polyphase
 CN Polyphase 641
 CN Polyphase AF 1
 CN Thompson's Wood Protector

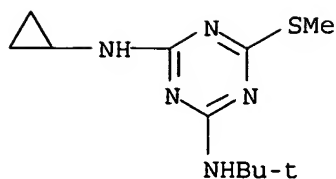
CN Troysan Polyphase AF 3
 CN Troysan Polyphase P 100
 CN Troysan Polyphase P 20T
 CN Troysan Polyphase WD 17
 FS 3D CONCORD
 DR 161849-41-8, 104732-42-5, 84826-91-5, 85045-09-6
 MF C8 H12 I N O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, CA, CAPLUS,
 CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSChem, CSNB, HSDB*, IFICDB,
 IFIPAT, IFIUDb, IPA, MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, RTECS*,
 TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

498 REFERENCES IN FILE CA (1907 TO DATE)
 43 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 503 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 4 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 28159-98-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN s-Triazine, 2-(tert-butylamino)-4-(cyclopropylamino)-6-(methylthio)- (8CI)
 OTHER NAMES:
 CN 2-(Methylthio)-4-(tert-butylamino)-6-(cyclopropylamino)-s-triazine
 CN 2-(tert-Butylamino)-4-(cyclopropylamino)-6-(methylthio)-1,3,5-triazine
 CN Cybutrin
 CN Irgaguard A 2000
 CN Irgarol
 CN Irgarol 1051
 CN Irgarol 1071
 CN N-Cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine
 CN Nuocide 1051
 FS 3D CONCORD
 MF C11 H19 N5 S
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CSChem, CSNB, EMBASE, IFICDB, IFIPAT, IFIUDb, MEDLINE, MRCK*, NIOSHTIC, PIRA, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)

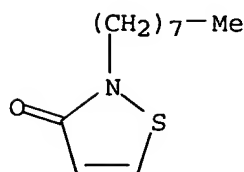


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

248 REFERENCES IN FILE CA (1907 TO DATE)
 11 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 248 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 26530-20-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 4-Isothiazolin-3-one, 2-octyl- (8CI)
 OTHER NAMES:
 CN 2-n-Octyl-3-isothiazolone
 CN 2-n-Octyl-4-isothiazolin-3-one
 CN 2-n-Octyl-4-isothiozolin-3-one
 CN 2-n-Octylisothiazolin-3-one
 CN 2-Octyl-3-isothiazolinone
 CN 2-Octyl-3-isothiazolone
 CN 2-Octyl-4-isothiazolin-3-one
 CN 2-Octyl-4-isothiazoline-3-one
 CN 2-Octyl-4-isothiazolinone
 CN 4-Octylisothiazolin-3-one
 CN A-DW
 CN Acticide 45
 CN Acticide OTW
 CN Ecoplast PA 20
 CN Kathon 4200
 CN Kathon 893
 CN Kathon 893F
 CN Kathon 893T
 CN Kathon LM
 CN Kathon LP Preservative
 CN Kathon SP 70
 CN Micro-Chek 11
 CN Micro-Chek 11D
 CN Othhilinone
 CN Pancil
 CN Pancil T
 CN RH 893
 CN SD 888
 CN Skane 8
 CN Skane M 8
 CN Ultrafresh DM 25
 CN Vinyzene IT 3000DIDP
 CN Zonen 0/100
 FS 3D CONCORD
 DR 12673-72-2, 122667-23-6, 53028-82-3, 245125-70-6, 249757-59-3
 MF C11 H19 N O S
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*, SCISEARCH, SPECINFO, TOXCENTER, ULIDAT,

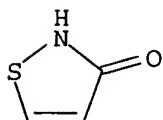
USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

533 REFERENCES IN FILE CA (1907 TO DATE)
 54 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 535 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 1003-07-2 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 3(2H)-Isothiazolone (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 4-Isothiazolin-3-one (7CI, 8CI)
 OTHER NAMES:
 CN 3-Hydroxyisothiazole
 CN 3-Isothiazolol
 CN 3-Isothiazolone
 CN 3-Oxo-2,3-dihydroisothiazole
 CN Duo Mei Jing
 CN Ebotec aqua
 CN Isothiazolin-3-one
 CN Isothiazolinone
 CN NSC 93489
 FS 3D CONCORD
 DR 20599-55-7
 MF C3 H3 N O S
 CI COM
 LC STN Files: AGRICOLA, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS,
 CASREACT, CIN, CSNB, EMBASE, IFICDB, IFIPAT, IFIUDB, MEDLINE, NIOSHTIC,
 PIRA, PROMT, SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

395 REFERENCES IN FILE CA (1907 TO DATE)
 207 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 396 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L13 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 886-50-0 REGISTRY
 ED Entered STN: 16 Nov 1984

CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN s-Triazine, 2-(tert-butylamino)-4-(ethylamino)-6-(methylthio)- (7CI, 8CI)

OTHER NAMES:

CN 2-Ethylamino-4-methylthio-6-tert-butylamino-1,3,5-triazine

CN 2-Methylmercapto-4-ethylamino-6-tert-butylamino-1,3,5-triazine

CN 2-Methylthio-4-ethylamino-6-tert-butylamino-s-triazine

CN 2-Methylthio-4-tert-butylamino-6-ethylamino-s-triazine

CN 2-tert-Butylamino-4-ethylamino-6-methylthio-s-triazine

CN 4-Ethylamino-2-methylthio-6-tert-butylamino-1,3,5-triazine

CN 6-tert-Butylamino-4-ethylamino-2-methylthio-1,3,5-triazine

CN A 1866

CN Clarosan

CN GS 14260

CN Igran

CN Igran 50

CN Igran 500

CN Prebane

CN Saterb

CN Terbutrex

CN Terbutryn

CN Terbutryne

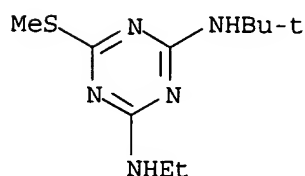
CN tert-Butryn

FS 3D CONCORD

MF C10 H19 N5 S

CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA,
CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHM,
CSNB, DDFU, DETHERM*, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB,
MEDLINE, MSDS-OHS, NIOSHTIC, PROMT, RTECS*, SPECINFO, TOXCENTER, ULIDAT,
USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1545 REFERENCES IN FILE CA (1907 TO DATE)
59 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1546 REFERENCES IN FILE CAPLUS (1907 TO DATE)
9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L13 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN

RN 463-77-4 REGISTRY

ED Entered STN: 16 Nov 1984

CN Carbamic acid (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN Aminoformic acid

CN Aminomethanoic acid

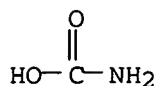
CN Carbonimidic acid

CN Formic acid, amino-

CN Imidocarbonic acid

CN Iminocarbonic acid

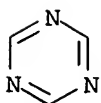
CN Isocarbamic acid
 FS 3D CONCORD
 DR 12274-85-0
 MF C H3 N O2
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CHEMLIST, CIN, EMBASE, GMELIN*, IFICDB, IFIPAT, IFIUDB, MEDLINE, NIOSHTIC, PIRA, PROMT, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2722 REFERENCES IN FILE CA (1907 TO DATE)
 905 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2726 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L13 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 290-87-9 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1,3,5-Triazine (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN s-Triazine (6CI, 8CI)
 OTHER NAMES:
 CN Cyanidine
 CN NSC 56189
 CN sym-Triazine
 CN Triazine
 CN Vedita 250
 FS 3D CONCORD
 MF C3 H3 N3
 CI COM, RPS
 LC STN Files: AGRICOLA, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSChem, DETHERM*, EMBASE, GMELIN*, IFICDB, IFIPAT, IFIUDB, IPA, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3540 REFERENCES IN FILE CA (1907 TO DATE)
 1303 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3548 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 59 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> sel rn name 7

E10 THROUGH E29 ASSIGNED

=> sel rn name 5

E30 THROUGH E63 ASSIGNED

=> sel rn name 3

E64 THROUGH E89 ASSIGNED

=> fil hcapl

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

20.94

74.84

FILE 'HCAPLUS' ENTERED AT 14:07:40 ON 31 JAN 2006

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FILE COVERS 1907 - 31 Jan 2006 VOL 144 ISS 6

FILE LAST UPDATED: 30 Jan 2006 (20060130/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s e10-29; s e30-63; s e64-89

19475241 "A"/BI
595 "1866"/BI
6 "A 1866"/BI
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15491 "GS"/BI
60 "GSES"/BI
15551 "GS"/BI
(("GS" OR "GSES")/BI)
37 "14260"/BI
23 "GS 14260"/BI
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157 "IGRAN"/BI
1809927 "50"/BI
28 "IGRAN 50"/BI
(("IGRAN" (W) "50")/BI)
157 "IGRAN"/BI
498692 "500"/BI
3 "IGRAN 500"/BI
(("IGRAN" (W) "500")/BI)
157 IGRAN/BI
1 PREBANE/BI
1 SATERB/BI
4 TERBUTREX/BI
929 TERBUTRYN/BI
253 TERBUTRYNE/BI

251252 TERT/BI
 19 TERTS/BI
 251256 TERT/BI
 ((TERT OR TERTS)/BI)
 1 BUTRYN/BI
 1 TERT-BUTRYN/BI
 ((TERT(W) BUTRYN)/BI)
 8622876 "2"/BI
 9146 "ETHYLAMINO"/BI
 5255396 "4"/BI
 25256 "METHYLTHIO"/BI
 3664225 "6"/BI
 251252 "TERT"/BI
 19 "TERTS"/BI
 251256 "TERT"/BI
 (("TERT" OR "TERTS")/BI)
 5521 "BUTYLAMINO"/BI
 8538943 "1"/BI
 6481874 "3"/BI
 6024048 "5"/BI
 40012 "TRIAZINE"/BI
 9966 "TRIAZINES"/BI
 42492 "TRIAZINE"/BI
 (("TRIAZINE" OR "TRIAZINES")/BI)
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 (("2" (W) "ETHYLAMINO" (W) "4" (W) "METHYLTHIO" (W) "6" (W) "TERT" (W) "BUTYLAMINO" (W) "1" (W) "3" (W) "5" (W) "TRIAZINE")/BI)
 8622876 "2"/BI
 1501 "METHYLMERCAPTO"/BI
 5255396 "4"/BI
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 3664225 "6"/BI
 251252 "TERT"/BI
 19 "TERTS"/BI
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 (("TERT" OR "TERTS")/BI)
 5521 "BUTYLAMINO"/BI
 8538943 "1"/BI
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 40012 "TRIAZINE"/BI
 9966 "TRIAZINES"/BI
 42492 "TRIAZINE"/BI
 (("TRIAZINE" OR "TRIAZINES")/BI)
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 (("2" (W) "METHYLMERCAPTO" (W) "4" (W) "ETHYLAMINO" (W) "6" (W) "TERT" (W) "BUTYLAMINO" (W) "1" (W) "3" (W) "5" (W) "TRIAZINE")/BI)
 8622876 2/BI
 25256 METHYLTHIO/BI
 5255396 4/BI
 9146 ETHYLAMINO/BI
 3664225 6/BI
 251252 TERT/BI
 19 TERTS/BI
 251256 TERT/BI
 ((TERT OR TERTS)/BI)
 5521 BUTYLAMINO/BI
 2771599 S/BI
 40012 TRIAZINE/BI
 9966 TRIAZINES/BI
 42492 TRIAZINE/BI
 ((TRIAZINE OR TRIAZINES)/BI)
 7 2-METHYLTHIO-4-ETHYLAMINO-6-TERT-BUTYLAMINO-S-TRIAZINE/BI

((2(W) METHYLTHIO(W) 4(W) ETHYLAMINO(W) 6(W) TERT(W) BUTYLAMINO(W) S(W) TRIAZINE)/BI)
 8622876 2/BI
 25256 METHYLTHIO/BI
 5255396 4/BI
 251252 TERT/BI
 19 TERTS/BI
 251256 TERT/BI
 ((TERT OR TERTS)/BI)
 5521 BUTYLAMINO/BI
 3664225 6/BI
 9146 ETHYLAMINO/BI
 2771599 S/BI
 40012 TRIAZINE/BI
 9966 TRIAZINES/BI
 42492 TRIAZINE/BI
 ((TRIAZINE OR TRIAZINES)/BI)
 1 2-METHYLTHIO-4-TERT-BUTYLAMINO-6-ETHYLAMINO-S-TRIAZINE/BI
 ((2(W) METHYLTHIO(W) 4(W) TERT(W) BUTYLAMINO(W) 6(W) ETHYLAMINO(W) S(W) TRIAZINE)/BI)
 8622876 2/BI
 251252 TERT/BI
 19 TERTS/BI
 251256 TERT/BI
 ((TERT OR TERTS)/BI)
 5521 BUTYLAMINO/BI
 5255396 4/BI
 9146 ETHYLAMINO/BI
 3664225 6/BI
 25256 METHYLTHIO/BI
 2771599 S/BI
 40012 TRIAZINE/BI
 9966 TRIAZINES/BI
 42492 TRIAZINE/BI
 ((TRIAZINE OR TRIAZINES)/BI)
 17 2-TERT-BUTYLAMINO-4-ETHYLAMINO-6-METHYLTHIO-S-TRIAZINE/BI
 ((2(W) TERT(W) BUTYLAMINO(W) 4(W) ETHYLAMINO(W) 6(W) METHYLTHIO(W) S(W) TRIAZINE)/BI)
 5255396 "4"/BI
 9146 "ETHYLAMINO"/BI
 8622876 "2"/BI
 25256 "METHYLTHIO"/BI
 3664225 "6"/BI
 251252 "TERT"/BI
 19 "TERTS"/BI
 251256 "TERT"/BI
 (("TERT" OR "TERTS")/BI)
 5521 "BUTYLAMINO"/BI
 8538943 "1"/BI
 6481874 "3"/BI
 6024048 "5"/BI
 40012 "TRIAZINE"/BI
 9966 "TRIAZINES"/BI
 42492 "TRIAZINE"/BI
 (("TRIAZINE" OR "TRIAZINES")/BI)
 1 "4-ETHYLAMINO-2-METHYLTHIO-6-TERT-BUTYLAMINO-1,3,5-TRIAZINE"/BI
 (("4"(W) "ETHYLAMINO"(W) "2"(W) "METHYLTHIO"(W) "6"(W) "TERT"(W) "BUTYLAMINO"(W) "1"(W) "3"(W) "5"(W) "TRIAZINE")/BI)
 3664225 "6"/BI
 251252 "TERT"/BI
 19 "TERTS"/BI
 251256 "TERT"/BI
 (("TERT" OR "TERTS")/BI)
 5521 "BUTYLAMINO"/BI

5255396 "4"/BI
 9146 "ETHYLAMINO"/BI
 8622876 "2"/BI
 25256 "METHYLTHIO"/BI
 8538943 "1"/BI
 6481874 "3"/BI
 6024048 "5"/BI
 40012 "TRIAZINE"/BI
 9966 "TRIAZINES"/BI
 42492 "TRIAZINE"/BI
 (("TRIAZINE" OR "TRIAZINES")/BI)
 1 "6-TERT-BUTYLAMINO-4-ETHYLAMINO-2-METHYLTHIO-1,3,5-TRIAZINE"/BI
 (("6" (W) "TERT" (W) "BUTYLAMINO" (W) "4" (W) "ETHYLAMINO" (W) "2" (W) "ME
 THYLTHIO" (W) "1" (W) "3" (W) "5" (W) "TRIAZINE")/BI)
 1546 886-50-0/BI
 L14 1718 ("A 1866"/BI OR CLAROSAN/BI OR "GS 14260"/BI OR "IGRAN 50"/BI
 OR "IGRAN 500"/BI OR IGRAN/BI OR PREBANE/BI OR SATERB/BI OR
 TERBUTREX/BI OR TERBUTRYN/BI OR TERBUTRYNE/BI OR TERT-BUTRYN/BI
 OR "2-ETHYLAMINO-4-METHYLTHIO-6-TERT-BUTYLAMINO-1,3,5-TRIAZINE"/
 BI OR "2-METHYLMERCAPTO-4-ETHYLAMINO-6-TERT-BUTYLAMINO-1,3,5-TRI
 AZINE"/BI OR 2-METHYLTHIO-4-ETHYLAMINO-6-TERT-BUTYLAMINO-S-TRIAZ
 INE/BI OR 2-METHYLTHIO-4-TERT-BUTYLAMINO-6-ETHYLAMINO-S-TRIAZINE
 /BI OR 2-TERT-BUTYLAMINO-4-ETHYLAMINO-6-METHYLTHIO-S-TRIAZINE/BI
 OR "4-ETHYLAMINO-2-METHYLTHIO-6-TERT-BUTYLAMINO-1,3,5-TRIAZINE"
 /BI OR "6-TERT-BUTYLAMINO-4-ETHYLAMINO-2-METHYLTHIO-1,3,5-TRIAZI
 NE"/BI OR 886-50-0/BI)

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 3920 DW/BI
 237 DWS/BI
 4102 DW/BI
 ((DW OR DWS)/BI)
 73 A-DW/BI
 ((A(W)DW)/BI)
 42 "ACTICIDE"/BI
 1 "ACTICIDES"/BI
 43 "ACTICIDE"/BI
 (("ACTICIDE" OR "ACTICIDES")/BI)
 6 "OTW"/BI
 1 "ACTICIDE OTW"/BI
 (("ACTICIDE" (W) "OTW")/BI)
 42 "ACTICIDE"/BI
 1 "ACTICIDES"/BI
 43 "ACTICIDE"/BI
 (("ACTICIDE" OR "ACTICIDES")/BI)
 568005 "45"/BI
 1 "ACTICIDE 45"/BI
 (("ACTICIDE" (W) "45")/BI)
 1 "ECOPLAST"/BI
 65343 "PA"/BI
 7698 "PAS"/BI
 72010 "PA"/BI
 (("PA" OR "PAS")/BI)
 2223993 "20"/BI
 1 "ECOPLAST PA 20"/BI
 (("ECOPLAST" (W) "PA" (W) "20")/BI)
 602 "KATHON"/BI
 7191 "LM"/BI
 788 "LMS"/BI
 7939 "LM"/BI
 (("LM" OR "LMS")/BI)
 1 "KATHON LM"/BI
 (("KATHON" (W) "LM")/BI)

602 "KATHON"/BI
 14235 "LP"/BI
 33042 "LPS"/BI
 47083 "LP"/BI
 (("LP" OR "LPS")/BI)
 27640 "PRESERVATIVE"/BI
 29877 "PRESERVATIVES"/BI
 43607 "PRESERVATIVE"/BI
 (("PRESERVATIVE" OR "PRESERVATIVES")/BI)
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 (("KATHON" (W) "LP" (W) "PRESERVATIVE")/BI)
 602 "KATHON"/BI
 281107 "SP"/BI
 7170 "SPS"/BI
 287937 "SP"/BI
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 799204 "70"/BI
 0 "KATHON SP 70"/BI
 (("KATHON" (W) "SP" (W) "70")/BI)
 602 "KATHON"/BI
 4517 "4200"/BI
 1 "KATHON 4200"/BI
 (("KATHON" (W) "4200")/BI)
 602 "KATHON"/BI
 2490 "893"/BI
 13 "KATHON 893"/BI
 (("KATHON" (W) "893")/BI)
 602 "KATHON"/BI
 3 "893F"/BI
 2 "KATHON 893F"/BI
 (("KATHON" (W) "893F")/BI)
 602 "KATHON"/BI
 8 "893T"/BI
 5 "KATHON 893T"/BI
 (("KATHON" (W) "893T")/BI)
 149653 "MICRO"/BI
 269 "MICROS"/BI
 149916 "MICRO"/BI
 (("MICRO" OR "MICROS")/BI)
 408 "CHEK"/BI
 1 "CHEKS"/BI
 409 "CHEK"/BI
 (("CHEK" OR "CHEKS")/BI)
 906459 "11"/BI
 0 "MICRO-CHEK 11"/BI
 (("MICRO" (W) "CHEK" (W) "11")/BI)
 149653 "MICRO"/BI
 269 "MICROS"/BI
 149916 "MICRO"/BI
 (("MICRO" OR "MICROS")/BI)
 408 "CHEK"/BI
 1 "CHEKS"/BI
 409 "CHEK"/BI
 (("CHEK" OR "CHEKS")/BI)
 577 "11D"/BI
 1 "MICRO-CHEK 11D"/BI
 (("MICRO" (W) "CHEK" (W) "11D")/BI)
 18 OCTHILINONE/BI
 9 "PANCIL"/BI
 797575 "T"/BI
 1 "PANCIL T"/BI
 (("PANCIL" (W) "T")/BI)
 9 PANCIL/BI
 89811 "RH"/BI

444 "RHS"/BI
 90093 "RH"/BI
 (("RH" OR "RHS")/BI)
 2490 "893"/BI
 8 "RH 893"/BI
 (("RH" (W) "893")/BI)
 29822 "SD"/BI
 91269 "SDS"/BI
 120676 "SD"/BI
 (("SD" OR "SDS")/BI)
 2777 "888"/BI
 2 "SD 888"/BI
 (("SD" (W) "888")/BI)
 90 "SKANE"/BI
 3 "SKANES"/BI
 93 "SKANE"/BI
 (("SKANE" OR "SKANES")/BI)
 2286515 "M"/BI
 2662159 "8"/BI
 31 "SKANE M 8"/BI
 (("SKANE" (W) "M" (W) "8")/BI)
 90 "SKANE"/BI
 3 "SKANES"/BI
 93 "SKANE"/BI
 (("SKANE" OR "SKANES")/BI)
 2662159 "8"/BI
 2 "SKANE 8"/BI
 (("SKANE" (W) "8")/BI)
 38 "ULTRAFRESH"/BI
 37271 "DM"/BI
 3540 "DMS"/BI
 40739 "DM"/BI
 (("DM" OR "DMS")/BI)
 1417868 "25"/BI
 2 "ULTRAFRESH DM 25"/BI
 (("ULTRAFRESH" (W) "DM" (W) "25")/BI)
 37 "VINYZENE"/BI
 3408407 "IT"/BI
 2614876 "ITS"/BI
 5405402 "IT"/BI
 (("IT" OR "ITS")/BI)
 1 "3000DIDP"/BI
 1 "VINYZENE IT 3000DIDP"/BI
 (("VINYZENE" (W) "IT" (W) "3000DIDP")/BI)
 27 "ZONEN"/BI
 5280800 "0"/BI
 1905483 "100"/BI
 1 "ZONEN 0/100"/BI
 (("ZONEN" (W) "0" (W) "100")/BI)
 8622876 2/BI
 2876971 N/BI
 43009 OCTYL/BI
 5 OCTYLS/BI
 43013 OCTYL/BI
 ((OCTYL OR OCTYLS)/BI)
 6481874 3/BI
 813 ISOTHIAZOLONE/BI
 303 ISOTHIAZOLONES/BI
 863 ISOTHIAZOLONE/BI
 ((ISOTHIAZOLONE OR ISOTHIAZOLONES)/BI)
 42 2-N-OCTYL-3-ISOTHIAZOLONE/BI
 ((2 (W) N (W) OCTYL (W) 3 (W) ISOTHIAZOLONE)/BI)
 8622876 2/BI
 2876971 N/BI

43009 OCTYL/BI
 5 OCTYLS/BI
 43013 OCTYL/BI
 ((OCTYL OR OCTYLS)/BI)
 5255396 4/BI
 887 ISOTHIAZOLIN/BI
 6481874 3/BI
 2076680 ONE/BI
 166094 ONES/BI
 2209021 ONE/BI
 ((ONE OR ONES)/BI)
 162 2-N-OCTYL-4-ISOTHIAZOLIN-3-ONE/BI
 ((2(W)N(W)OCTYL(W)4(W)ISOTHIAZOLIN(W)3(W)ONE)/BI)
 8622876 2/BI
 2876971 N/BI
 43009 OCTYL/BI
 5 OCTYLS/BI
 43013 OCTYL/BI
 ((OCTYL OR OCTYLS)/BI)
 5255396 4/BI
 3 ISOTHIOZOLIN/BI
 6481874 3/BI
 2076680 ONE/BI
 166094 ONES/BI
 2209021 ONE/BI
 ((ONE OR ONES)/BI)
 1 2-N-OCTYL-4-ISOTHIOZOLIN-3-ONE/BI
 ((2(W)N(W)OCTYL(W)4(W)ISOTHIOZOLIN(W)3(W)ONE)/BI)
 8622876 2/BI
 2876971 N/BI
 54 OCTYLISOTHIAZOLIN/BI
 6481874 3/BI
 2076680 ONE/BI
 166094 ONES/BI
 2209021 ONE/BI
 ((ONE OR ONES)/BI)
 21 2-N-OCTYLISOTHIAZOLIN-3-ONE/BI
 ((2(W)N(W)OCTYLISOTHIAZOLIN(W)3(W)ONE)/BI)
 8622876 2/BI
 43009 OCTYL/BI
 5 OCTYLS/BI
 43013 OCTYL/BI
 ((OCTYL OR OCTYLS)/BI)
 6481874 3/BI
 503 ISOTHIAZOLINONE/BI
 135 ISOTHIAZOLINONES/BI
 551 ISOTHIAZOLINONE/BI
 ((ISOTHIAZOLINONE OR ISOTHIAZOLINONES)/BI)
 7 2-OCTYL-3-ISOTHIAZOLINONE/BI
 ((2(W)OCTYL(W)3(W)ISOTHIAZOLINONE)/BI)
 8622876 2/BI
 43009 OCTYL/BI
 5 OCTYLS/BI
 43013 OCTYL/BI
 ((OCTYL OR OCTYLS)/BI)
 6481874 3/BI
 813 ISOTHIAZOLONE/BI
 303 ISOTHIAZOLONES/BI
 863 ISOTHIAZOLONE/BI
 ((ISOTHIAZOLONE OR ISOTHIAZOLONES)/BI)
 63 2-OCTYL-3-ISOTHIAZOLONE/BI
 ((2(W)OCTYL(W)3(W)ISOTHIAZOLONE)/BI)
 8622876 2/BI
 43009 OCTYL/BI

5 OCTYLS/BI
 43013 OCTYL/BI
 ((OCTYL OR OCTYLS)/BI)
 5255396 4/BI
 887 ISOTHIAZOLIN/BI
 6481874 3/BI
 2076680 ONE/BI
 166094 ONES/BI
 2209021 ONE/BI
 ((ONE OR ONES)/BI)
 120 2-OCTYL-4-ISOTHIAZOLIN-3-ONE/BI
 ((2 (W) OCTYL (W) 4 (W) ISOTHIAZOLIN (W) 3 (W) ONE) /BI)
 8622876 2/BI
 43009 OCTYL/BI
 5 OCTYLS/BI
 43013 OCTYL/BI
 ((OCTYL OR OCTYLS)/BI)
 5255396 4/BI
 255 ISOTHIAZOLINE/BI
 57 ISOTHIAZOLINES/BI
 277 ISOTHIAZOLINE/BI
 ((ISOTHIAZOLINE OR ISOTHIAZOLINES)/BI)
 6481874 3/BI
 2076680 ONE/BI
 166094 ONES/BI
 2209021 ONE/BI
 ((ONE OR ONES)/BI)
 7 2-OCTYL-4-ISOTHIAZOLINE-3-ONE/BI
 ((2 (W) OCTYL (W) 4 (W) ISOTHIAZOLINE (W) 3 (W) ONE) /BI)
 8622876 2/BI
 43009 OCTYL/BI
 5 OCTYLS/BI
 43013 OCTYL/BI
 ((OCTYL OR OCTYLS)/BI)
 5255396 4/BI
 503 ISOTHIAZOLINONE/BI
 135 ISOTHIAZOLINONES/BI
 551 ISOTHIAZOLINONE/BI
 ((ISOTHIAZOLINONE OR ISOTHIAZOLINONES)/BI)
 4 2-OCTYL-4-ISOTHIAZOLINONE/BI
 ((2 (W) OCTYL (W) 4 (W) ISOTHIAZOLINONE) /BI)
 535 26530-20-1/BI
 5255396 4/BI
 54 OCTYLIISOTHIAZOLIN/BI
 6481874 3/BI
 2076680 ONE/BI
 166094 ONES/BI
 2209021 ONE/BI
 ((ONE OR ONES)/BI)
 1 4-OCTYLIISOTHIAZOLIN-3-ONE/BI
 ((4 (W) OCTYLIISOTHIAZOLIN (W) 3 (W) ONE) /BI)
 L15 770 (A-DW/BI OR "ACTICIDE OTW"/BI OR "ACTICIDE 45"/BI OR "ECOPLAST
 PA 20"/BI OR "KATHON LM"/BI OR "KATHON LP PRESERVATIVE"/BI OR
 "KATHON SP 70"/BI OR "KATHON 4200"/BI OR "KATHON 893"/BI OR
 "KATHON 893F"/BI OR "KATHON 893T"/BI OR "MICRO-CHEK 11"/BI OR
 "MICRO-CHEK 11D"/BI OR OTHILINONE/BI OR "PANCIL T"/BI OR PANCIL
 /BI OR "RH 893"/BI OR "SD 888"/BI OR "SKANE M 8"/BI OR "SKANE
 8"/BI OR "ULTRAFRESH DM 25"/BI OR "VINYZONE IT 3000DIDP"/BI OR
 "ZONEN 0/100"/BI OR 2-N-OCTYL-3-ISOTHIAZOLONE/BI OR 2-N-OCTYL-4-
 ISOTHIAZOLIN-3-ONE/BI OR 2-N-OCTYL-4-ISOTHIOZOLIN-3-ONE/BI OR
 2-N-OCTYLIISOTHIAZOLIN-3-ONE/BI OR 2-OCTYL-3-ISOTHIAZOLINONE/BI
 OR 2-OCTYL-3-ISOTHIAZOLONE/BI OR 2-OCTYL-4-ISOTHIAZOLIN-3-ONE/BI
 OR 2-OCTYL-4-ISOTHIAZOLINE-3-ONE/BI OR 2-OCTYL-4-ISOTHIAZOLINON
 E/BI OR 26530-20-1/BI OR 4-OCTYLIISOTHIAZOLIN-3-ONE/BI)

42 "ACTICIDE"/BI
 1 "ACTICIDES"/BI
 43 "ACTICIDE"/BI
 (("ACTICIDE" OR "ACTICIDES")/BI)
 58 "IPW"/BI
 1 "IPWS"/BI
 58 "IPW"/BI
 (("IPW" OR "IPWS")/BI)
 1809927 "50"/BI
 1 "ACTICIDE IPW 50"/BI
 (("ACTICIDE" (W) "IPW" (W) "50")/BI)
 4 BIODOCARB/BI
 19 "COATCIDE"/BI
 52133 "123"/BI
 2 "COATCIDE 123"/BI
 (("COATCIDE" (W) "123")/BI)
 3 "DEKABEN"/BI
 292 "LMB"/BI
 8 "LMBS"/BI
 296 "LMB"/BI
 (("LMB" OR "LMBS")/BI)
 3 "DEKABEN LMB"/BI
 (("DEKABEN" (W) "LMB")/BI)
 4 GLYCACIL/BI
 0 "GUARDSAN"/BI
 7172 "388"/BI
 0 "GUARDSAN 388"/BI
 (("GUARDSAN" (W) "388")/BI)
 173 "IBF"/BI
 9 "IBFS"/BI
 178 "IBF"/BI
 (("IBF" OR "IBFS")/BI)
 1 "8DOP"/BI
 1 "IBF 8DOP"/BI
 (("IBF" (W) "8DOP")/BI)
 1 IODOCARB/BI
 158 "IPBC"/BI
 1 "IPBCS"/BI
 159 "IPBC"/BI
 (("IPBC" OR "IPBCS")/BI)
 1272177 "40"/BI
 1 "IPBC 40"/BI
 (("IPBC" (W) "40")/BI)
 158 IPBC/BI
 1 IPBCS/BI
 159 IPBC/BI
 ((IPBC OR IPBCS)/BI)
 38 "MERGAL"/BI
 6 "710S"/BI
 1 "MERGAL 710S"/BI
 (("MERGAL" (W) "710S")/BI)
 14078 "MP"/BI
 2593 "MPS"/BI
 16391 "MP"/BI
 (("MP" OR "MPS")/BI)
 1905483 "100"/BI
 65 "MP 100"/BI
 (("MP" (W) "100")/BI)
 5 "OMACIDE"/BI
 158 "IPBC"/BI
 1 "IPBCS"/BI
 159 "IPBC"/BI

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      (( "IPBC" OR "IPBCS" )/BI)
1905483 "100"/BI
      3 "OMACIDE IPBC 100"/BI
        (( "OMACIDE" (W) "IPBC" (W) "100" )/BI)
      5 "OMACIDE"/BI
158 "IPBC"/BI
      1 "IPBCS"/BI
159 "IPBC"/BI
        (( "IPBC" OR "IPBCS" )/BI)
      4 "OMACIDE IPBC"/BI
        (( "OMACIDE" (W) "IPBC" )/BI)
1594 "POLYPHASE"/BI
      9 "POLYPHASES"/BI
1601 "POLYPHASE"/BI
        (( "POLYPHASE" OR "POLYPHASES" )/BI)
13045 "AF"/BI
1220 "AFS"/BI
14153 "AF"/BI
        (( "AF" OR "AFS" )/BI)
8538943 "1"/BI
      7 "POLYPHASE AF 1"/BI
        (( "POLYPHASE" (W) "AF" (W) "1" )/BI)
1594 "POLYPHASE"/BI
      9 "POLYPHASES"/BI
1601 "POLYPHASE"/BI
        (( "POLYPHASE" OR "POLYPHASES" )/BI)
2890 "641"/BI
      1 "POLYPHASE 641"/BI
        (( "POLYPHASE" (W) "641" )/BI)
1594 POLYPHASE/BI
      9 POLYPHASES/BI
1601 POLYPHASE/BI
        (( POLYPHASE OR POLYPHASES )/BI)
      9 "THOMPSONS"/BI
155042 "WOOD"/BI
      8470 "WOODS"/BI
158715 "WOOD"/BI
        (( "WOOD" OR "WOODS" )/BI)
3201 "PROTECTOR"/BI
1569 "PROTECTORS"/BI
4371 "PROTECTOR"/BI
        (( "PROTECTOR" OR "PROTECTORS" )/BI)
      0 "THOMPSON'S WOOD PROTECTOR"/BI
        (( "THOMPSONS" (W) "WOOD" (W) "PROTECTOR" )/BI)
      46 "TROYSAN"/BI
1594 "POLYPHASE"/BI
      9 "POLYPHASES"/BI
1601 "POLYPHASE"/BI
        (( "POLYPHASE" OR "POLYPHASES" )/BI)
13045 "AF"/BI
1220 "AFS"/BI
14153 "AF"/BI
        (( "AF" OR "AFS" )/BI)
6481874 "3"/BI
      1 "TROYSAN POLYPHASE AF 3"/BI
        (( "TROYSAN" (W) "POLYPHASE" (W) "AF" (W) "3" )/BI)
      46 "TROYSAN"/BI
1594 "POLYPHASE"/BI
      9 "POLYPHASES"/BI
1601 "POLYPHASE"/BI
        (( "POLYPHASE" OR "POLYPHASES" )/BI)
2379087 "P"/BI
1905483 "100"/BI
      7 "TROYSAN POLYPHASE P 100"/BI

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        ( ("TROYSAN" (W) "POLYPHASE" (W) "P" (W) "100") /BI)
46 "TROYSAN"/BI
1594 "POLYPHASE"/BI
9 "POLYPHASES"/BI
1601 "POLYPHASE"/BI
        ( ("POLYPHASE" OR "POLYPHASES") /BI)
2379087 "P"/BI
240 "20T"/BI
4 "TROYSAN POLYPHASE P 20T"/BI
        ( ("TROYSAN" (W) "POLYPHASE" (W) "P" (W) "20T") /BI)
46 "TROYSAN"/BI
1594 "POLYPHASE"/BI
9 "POLYPHASES"/BI
1601 "POLYPHASE"/BI
        ( ("POLYPHASE" OR "POLYPHASES") /BI)
2527 "WD"/BI
774 "WDS"/BI
3186 "WD"/BI
        ( ("WD" OR "WDS") /BI)
652285 "17"/BI
0 "TROYSAN POLYPHASE WD 17"/BI
        ( ("TROYSAN" (W) "POLYPHASE" (W) "WD" (W) "17") /BI)
6481874 "3"/BI
51242 "IODO"/BI
8622876 "2"/BI
5995 "PROPYNYL"/BI
1 "PROPYNLYS"/BI
5996 "PROPYNYL"/BI
        ( ("PROPYNYL" OR "PROPYNLYS") /BI)
528 "BUTYLCARBAMATE"/BI
18 "BUTYLCARBAMATES"/BI
537 "BUTYLCARBAMATE"/BI
        ( ("BUTYLCARBAMATE" OR "BUTYLCARBAMATES") /BI)
111 "3-IODO-2-PROPYNYL BUTYLCARBAMATE"/BI
        ( ("3" (W) "IODO" (W) "2" (W) "PROPYNYL" (W) "BUTYLCARBAMATE") /BI)
6481874 "3"/BI
51242 "IODO"/BI
8622876 "2"/BI
5995 "PROPYNYL"/BI
1 "PROPYNLYS"/BI
5996 "PROPYNYL"/BI
        ( ("PROPYNYL" OR "PROPYNLYS") /BI)
2876971 "N"/BI
528 "BUTYLCARBAMATE"/BI
18 "BUTYLCARBAMATES"/BI
537 "BUTYLCARBAMATE"/BI
        ( ("BUTYLCARBAMATE" OR "BUTYLCARBAMATES") /BI)
34 "3-IODO-2-PROPYNYL N-BUTYLCARBAMATE"/BI
        ( ("3" (W) "IODO" (W) "2" (W) "PROPYNYL" (W) "N" (W) "BUTYLCARBAMATE") /BI
        )
6481874 "3"/BI
170 "IODOPROPARGYL"/BI
1 "IODOPROPARGYLS"/BI
170 "IODOPROPARGYL"/BI
        ( ("IODOPROPARGYL" OR "IODOPROPARGYLS") /BI)
2876971 "N"/BI
528 "BUTYLCARBAMATE"/BI
18 "BUTYLCARBAMATES"/BI
537 "BUTYLCARBAMATE"/BI
        ( ("BUTYLCARBAMATE" OR "BUTYLCARBAMATES") /BI)
3 "3-IODOPROPARGYL N-BUTYLCARBAMATE"/BI
        ( ("3" (W) "IODOPROPARGYL" (W) "N" (W) "BUTYLCARBAMATE") /BI)
503 55406-53-6/BI
2170 ("ACTICIDE IPW 50"/BI OR BIODOCARB/BI OR "COATCIDE 123"/BI OR

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"DEKABEN LMB"/BI OR GLYCACIL/BI OR "GUARDSAN 388"/BI OR "IBF 8DOP"/BI OR IODOCARB/BI OR "IPBC 40"/BI OR IPBC/BI OR "MERGAL 710S"/BI OR "MP 100"/BI OR "OMACIDE IPBC 100"/BI OR "OMACIDE IPBC"/BI OR "POLYPHASE AF 1"/BI OR "POLYPHASE 641"/BI OR POLYPHASE/BI OR "THOMPSON'S WOOD PROTECTOR"/BI OR "TROYSAN POLYPHASE AF 3"/BI OR "TROYSAN POLYPHASE P 100"/BI OR "TROYSAN POLYPHASE P 20T"/BI OR "TROYSAN POLYPHASE WD 17"/BI OR "3-iodo-2-propynyl BUTYLCARBAMATE"/BI OR "3-iodo-2-propynyl N-BUTYLCARBAMATE"/BI OR "3-iodopropargyl N-BUTYLCARBAMATE"/BI OR 55406-53-6/BI)

=> d his

(FILE 'HOME' ENTERED AT 13:44:01 ON 31 JAN 2006)

FILE 'CAPLUS' ENTERED AT 13:44:06 ON 31 JAN 2006

L1 0 S 2002316903.PN.
L2 1 S KUBOTA/AU
L3 2469 S KUBOTA, H?/AU
L4 2428 S ALGICIDE
L5 2 S L3 AND L4
L6 0 S 200292552.PN.
L7 0 S WO200292552.PN.
L8 0 S WO2002092552.PN.
L9 0 S JP2002316903.PN.
L10 0 S JP2002-316903.PN.
L11 0 S HEET, B?/AU
L12 11 S HEER, B?/AU
SEL RN 1

FILE 'REGISTRY' ENTERED AT 14:03:53 ON 31 JAN 2006

L13 9 S E1-9
SEL RN NAME 7
SEL RN NAME 5
SEL RN NAME 3

FILE 'HCAPLUS' ENTERED AT 14:07:40 ON 31 JAN 2006

L14 1718 S E10-29
L15 770 S E30-63
L16 2170 S E64-89

=> s l14 and l15 and l16

L17 8 L14 AND L15 AND L16

=> d ibib abs 7-8

L17 ANSWER 7 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:220190 HCAPLUS
DOCUMENT NUMBER: 130:233632
TITLE: Mixtures of benzothiophene derivative as synergistic fungicides and algicides
INVENTOR(S): Wachtler, Peter; Kugler, Martin; Kunisch, Franz
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Ger. Offen., 8 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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DE 19741403	A1	19990325	DE 1997-19741403	19970919
WO 9915015	A1	19990401	WO 1998-EP5735	19980909
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,				

DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,
 KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
 NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
 UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
 CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9895386 A1 19990412 AU 1998-95386 19980909
 PRIORITY APPLN. INFO.: DE 1997-19741403 A 19970919
 WO 1998-EP5735 W 19980909

AB The title binary or ternary mixts. comprise benzothiophene-2-(N-cyclohexyl)carboxamide S,S-dioxide and any of a large number of compds. such as **terbutryne**, isoproturon, diuron, etc.

L17 ANSWER 8 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1992:475787 HCAPLUS

DOCUMENT NUMBER: 117:75787

TITLE: Pesticide chemicals manufacturing category effluent limitations guidelines, pretreatment standards, and new source performance standards

CORPORATE SOURCE: United States Environmental Protection Agency, Washington, DC, 20460, USA

SOURCE: Federal Register (1992), 57(70), 12560-601, 10 Apr 1992

CODEN: FEREAC; ISSN: 0097-6326

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Effluent limits, pretreatment stds. and performance stds. for new and existing facilities that manufacture pesticide active ingredients are proposed, under the Federal Clean Water Act. The manufacturers are categorized as those who make metalloorg. pesticide chems. (containing As, Cd, Cu, or Hg) and those who make organic pesticide chems. (including organotin compds.). Tables are given for active ingredient (94) limitations (daily maximum and monthly average) under best available technol. economically achievable and pretreatment stds. for existing sources, new source performance stds. and pretreatment stds. for new sources, and anal. methods (for 94 compds.). Addnl., effluent limitations (daily maximum and monthly average) for priority pollutants are proposed.

=> d kwic 7

L17 ANSWER 7 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN

AB The title binary or ternary mixts. comprise benzothiophene-2-(N-cyclohexyl)carboxamide S,S-dioxide and any of a large number of compds. such as **terbutryne**, isoproturon, diuron, etc.

IT 330-54-1D, Diuron, mixts. containing benzothiophene derivative and **886-50-0D, Terbutryn**, mixts. containing benzothiophene derivative and 10605-21-7 18691-97-9D, Methabenzthiazuron, mixts.

containing

benzothiophene derivative and **26530-20-1D**, mixts. containing benzothiophene derivative and 28159-98-0D, Irgarol 1071, mixts. containing benzothiophene derivative and 34123-59-6D, Isoproturon, mixts. containing benzothiophene derivative and **55406-53-6D, IPBC**, mixts. containing benzothiophene derivative and 64359-81-5D, mixts. containing benzothiophene derivative and 149118-66-1

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(synergistic fungicides and algicides)

=> d ibib abs 5-6

L17 ANSWER 5 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:2967 HCAPLUS
 DOCUMENT NUMBER: 140:61138
 TITLE: Coating materials with biocide-containing microcapsules
 INVENTOR(S): Baum, Ruediger; Antoni-Zimmermann, Dagmar; Wunder, Thomas; Schmidt, Hans-Juergen
 PATENT ASSIGNEE(S): Thor Gmbh, Germany
 SOURCE: PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
WO 2004000953	A1	20031231	WO 2002-EP6806	20020619
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1519995	A1	20050406	EP 2002-762295	20020619
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2004234603	A1	20041125	US 2004-489842	20040315
PRIORITY APPLN. INFO.: WO 2002-EP6806 W 20020619				
AB A coating material for protection against microorganism growth on surfaces exposed to moisture or water has a pH value of at least 11.0 or is provided with a base material having a pH value of at least 11.0, the coating material containing a biocide bonded to solid particles in a carrier material and released in a delayed manner. The coating material can be a plaster having a silicate, mineral or polymer resin binder, or a primer based on a silicate or polymer resin binder. The biocide can be encapsulated into formaldehyde-melamine resin or bonded to solid particles of porous ceramic materials or zeolites. Thus, a plaster having pH 11.5 was produced, the plaster comprising Bu acrylate-styrene copolymer (Acronal 290D), calcium carbonate (Omyacarb 40GU, Omyacarb 130GU) and an Al-Mg silicate (Plastorit 05) as binder major components, as well as formaldehyde-melamine resin-encapsulated zinc 2-pyridinethiol-1-oxide biocide. The biocide content in the plaster decreased from 531 ppm to 21 ppm upon exposure to water for 10 days, a plaster containing unencapsulated zinc 2-pyridinethiol-1-oxide had the biocide content decreased from 568 ppm to 2 ppm in 2 days.				
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L17 ANSWER 6 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STM

ACCESSION NUMBER: 2001:578597 HCAPLUS
 DOCUMENT NUMBER: 135:124156
 TITLE: Bactericide combinations in detergents
 INVENTOR(S): Elsmore, Richard; Houghton, Mark Phillip
 PATENT ASSIGNEE(S): Robert McBride Ltd., UK
 SOURCE: Brit. UK Pat. Appl., 53 pp.
 CODEN: BAXXDU
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2354771	A1	20010404	GB 1999-23253	19991001
PRIORITY APPLN. INFO.:			GB 1999-23253	19991001

AB The detergent comprises a bactericide in combination with an anionic, cationic, nonionic or amphoteric surfactant which has a C12-18 alkyl group as the longest chain attached to the hydrophilic moiety. Creduret 50 (hydrogenated ethoxylated castor oil) 50, citric acid 12, formalin 10, sodium alkyl benzene sulfonate (C12-20) alkyl 1, perfume white line 0.5, detergent enzyme savingase 0.2, and bactericide Pr 4-hydroxybenzoate 1.0 parts formed a detergent, showing reduction activity after contact 2.

=> d kwic 6

L17 ANSWER 6 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN

IT 111-30-8, Pentanedial 111-40-0D, 1,2-Ethanediamine, N-(2-aminoethyl)-, reaction products with 1-chlorooctane 111-40-0D, Diethylenetriamine, reaction products with chloroacetic acid, N-mono- and di-C8-18-alkyl derivs. 111-41-1D, 2-(2-Aminoethyl)aminoethanol, reaction with coco fatty acids, quaternized 111-42-2, uses 111-46-6D, Diethylene glycol, reaction products with formaldehyde 111-61-5 111-81-9 111-82-0 111-85-3D, 1-Chlorooctane, reaction products with acetic acid and diethylenetriamine 111-85-3D, 1-Chlorooctane, reaction products with N-(2-aminoethyl)-1,2-ethanediamine 111-92-2 112-00-5 112-02-7 112-18-5 112-34-5D, 2-(2-Butoxyethoxy)ethanol, reaction products with formaldehyde 112-38-9, 10-Undecenoic acid 112-39-0 112-43-6, 10-Undecen-1-ol 112-45-8, 10-Undecenal 112-53-8, 1-Dodecanol 112-54-9, Dodecanal 112-59-4 112-61-8 112-69-6 112-72-1, 1-Tetradecanol 112-75-4 112-80-1D, 9-Octadecenoic acid (9Z)-, reaction products with triethanolamine, di-Me sulfate-quaternized, uses 112-90-3 113-48-4 114-26-1 114-63-6 115-29-7 115-31-1 115-32-2 115-71-9 116-25-6 117-18-0 117-52-2 118-52-5 118-55-8 118-58-1 118-71-8 118-79-6 119-36-8 119-61-9, uses 120-32-1 120-47-8 120-50-3 120-51-4 120-57-0, 1,3-Benzodioxole-5-carboxaldehyde 120-72-9, 1H-Indole, uses 121-32-4 121-33-5 121-44-8, uses 121-54-0 121-65-3 121-75-5 122-07-6 122-14-5 122-18-9 122-19-0 122-34-9 122-40-7 122-42-9 122-48-5 122-67-8 122-69-0 122-70-3 122-78-1, Benzeneacetaldehyde 122-97-4, Benzenepropanol 122-99-6 123-05-7 123-11-5, uses 123-29-5 123-30-8 123-32-0 123-66-0 124-04-9, Hexanedioic acid, uses 124-07-2, Octanoic acid, uses 124-09-4, 1,6-Hexanediamine, uses 124-13-0, Octanal 124-19-6, Nonanal 124-22-1, 1-Dodecanamine 124-43-6 124-65-2 124-76-5 126-06-7 126-11-4 126-15-8 126-91-0 127-41-3 127-43-5 127-51-5 127-65-1 127-90-2 127-91-3 128-03-0 128-04-1 128-08-5 128-09-6 129-06-6 131-11-3 131-52-2 132-27-4 133-06-2 133-07-3 133-53-9 134-20-3 134-28-1 134-62-3 135-79-5 136-45-8 136-53-8 136-77-6 136-85-6 137-16-6 137-26-8 137-30-4 137-40-6 137-41-7 137-42-8 138-93-2 139-07-1 139-08-2 140-10-3, uses 140-11-4 140-39-6 140-72-7 140-95-4 141-94-6 142-18-7 142-59-6 142-62-1, Hexanoic acid, uses 142-71-2 143-07-7, Dodecanoic acid, uses 143-08-8, 1-Nonanol 143-14-6, 9-Undecenal 143-50-0 144-55-8, Carbonic acid monosodium salt, uses 144-62-7, Ethanedioic acid, uses 147-71-7 148-24-3, 8-Quinolinal, uses 148-79-8 149-30-4, 2(3H)-Benzothiazolethione 149-57-5 150-78-7 150-84-5 151-01-9 151-21-3, uses 156-62-7 298-12-4 299-84-3 300-76-5 302-01-2, Hydrazine, uses 330-54-1 333-41-5 334-48-5, Decanoic acid 359-37-5 379-52-2 404-86-4 470-43-9 470-82-6 473-34-7 475-20-7D, reaction products with formic acid and boron trifluoride 488-10-8 489-86-1 498-81-7 499-83-2, 2,6-Pyridinedicarboxylic acid 502-61-4 504-24-5, 4-Pyridinamine 507-60-8 507-70-0 514-51-2 515-00-4 515-69-5 520-45-6 527-07-1 532-32-1 533-74-4 534-18-9 535-89-7 536-59-4 536-60-7 538-71-6 539-82-2 539-90-2 541-91-3 544-63-8, Tetradecanoic acid, uses

551-92-8 556-61-6 557-08-4 576-55-6 577-11-7 582-25-2 584-79-2
 589-38-8, 3-Hexanone 589-66-2 591-12-8 597-09-1 615-62-3
 620-23-5 621-82-9, uses 624-15-7 625-51-4 626-82-4 628-63-7
 638-37-9, Butanedial 639-58-7 643-79-8, 1,2-Benzenedicarboxaldehyde
 646-06-0, 1,3-Dioxolane 659-40-5 683-10-3 688-73-3D, Stannane,
 tributyl-, mono(naphthenoxyloxy) derivs. 692-86-4 695-10-3D,
 1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.
 696-59-3 699-02-5 705-86-2 706-14-9 719-96-0 731-27-1 762-26-5
 770-35-4 789-02-6 821-55-6, 2-Nonanone 825-51-4 828-00-2
 870-72-4 **886-50-0** 900-95-8 925-78-0, 3-Nonanone 929-73-7
 959-55-7 971-66-4 991-42-4
 RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
 BIOL (Biological study); USES (Uses)

(bactericide combinations in detergents)

IT 7727-21-1 7733-02-0 7747-35-5 7757-81-5 7757-83-7 7758-02-3,
 Potassium bromide (KBr), uses 7758-19-2 7758-89-6, Copper chloride
 (CuCl) 7758-98-7, Sulfuric acid copper(2+) salt (1:1), uses 7758-99-8
 7775-09-9 7775-27-1 7778-39-4, Arsenic acid (H3AsO4) 7778-43-0
 7778-50-9 7778-54-3 7778-66-7 7779-27-3 7779-73-9 7779-78-4
 7779-81-9 7782-44-7, Oxygen, uses 7782-50-5, Chlorine, uses
 7783-20-2, Sulfuric acid diammonium salt, uses 7783-90-6, Silver
 chloride (AgCl), uses 7786-29-0 7786-30-3, Magnesium chloride (MgCl2),
 uses 7789-09-5 7789-12-0 7789-29-9, Potassium fluoride (K(HF2))
 7789-33-5, Iodine bromide (IBr) 7790-28-5 7790-99-0, Iodine chloride
 (ICl) 7803-51-2, Phosphine 8000-41-7, Terpeneol 8007-35-0
 8018-01-7 9001-37-0 9002-91-9 9003-07-0D, Polypropylene, phenol
 derivs. 9003-29-6 9003-63-8 9003-99-0, Peroxidase 9004-82-4
 9004-98-2 10028-15-6, Ozone, uses 10031-43-3 10032-15-2
 10043-35-3, Boric acid (H3BO3), uses 10049-04-4, Chlorine oxide (ClO2)
 10058-23-8 10101-41-4 10124-37-5 10154-75-3 10187-52-7
 10198-23-9 10222-01-2 10235-63-9 10294-64-1 10332-33-9
 10339-55-6 10345-79-6 10377-60-3 10378-23-1 10380-28-6
 10453-86-8 10460-00-1 10482-56-1 10486-00-7 10543-57-4
 10588-01-9 10588-15-5 10595-49-0 10605-21-7 10605-21-7D, Methyl
 1H-benzimidazol-2-ylcarbamate, compds. with benzenesulfonic acid
 mono-ClO-14-alkyl derivs. 11031-45-1, Santalol 11050-62-7
 11084-85-8, Sodium hypochlorite phosphate (Na13(ClO)(PO4)4) 11096-42-7
 12008-41-2, Boron sodium oxide (B8Na2O13) 12062-24-7 12069-69-1
 12122-67-7 12124-97-9, Ammonium bromide ((NH4)Br) 12179-04-3
 12267-73-1 12280-03-4 12427-38-2 13014-03-4 13019-22-2,
 9-Decen-1-ol 13052-19-2 13108-52-6 13149-79-6 13167-25-4
 13197-76-7 13254-34-7 13351-61-6 13426-91-0 13435-05-7
 13463-41-7 13463-67-7, Titanium oxide (TiO2), uses 13516-27-3
 13517-11-8, Hypobromous acid 13532-18-8 13590-97-1 13701-59-2
 13707-65-8 13720-12-2 13755-29-8 13824-96-9 13826-83-0
 13840-33-0 13863-41-7, Bromine chloride (BrCl) 13877-91-3 13980-04-6
 14073-97-3 14371-10-9 14548-60-8 14576-08-0 14667-55-1
 14676-61-0D, 1-Propanamine, 3-(tridecyloxy)-, branched 14762-38-0
 14816-18-3 14915-37-8 14936-67-5 15323-35-0 15435-29-7
 15510-55-1 15627-09-5 15630-89-4 15707-23-0 15733-22-9
 15739-09-0 15809-19-5 15986-80-8 16079-88-2 16219-75-3D,
 5-Ethylidenebicyclo[2.2.1]hept-2-ene, reaction products with boron
 trifluoride and 2-propanol 16228-00-5 16409-43-1 16491-36-4
 16752-77-5 16828-95-8 16871-71-9 16893-85-9 16919-19-0
 16949-65-8 16961-83-4 17084-08-1 17342-21-1 17804-35-2
 18181-70-9 18181-80-1 18205-85-1 18339-16-7 18472-51-0
 18479-54-4 18479-57-7 18675-16-6 18675-17-7 18794-84-8
 18829-56-6 18854-01-8 18972-56-0 19014-05-2 19093-20-0
 19379-90-9 19388-87-5 19578-81-5 19766-89-3 19819-98-8
 19870-74-7 20013-73-4 20018-09-1 20543-04-8 20545-92-0
 20662-57-1 20679-58-7 20834-59-7 20859-73-8, Aluminum phosphide
 (AlP) 21129-27-1 21145-77-7 21564-17-0 21757-82-4 21834-92-4
 22009-37-6 22205-45-4, Copper sulfide (Cu2S) 22221-10-9 22248-79-9
 22781-23-3 22882-89-9 22882-91-3 22936-75-0 22981-54-0

23031-36-9	23495-12-7	23560-59-0	23564-05-8	23726-92-3
23726-94-5	23787-90-8	24019-05-4	24048-13-3	24111-17-9
24124-25-2	24291-45-0	24634-61-5	24720-09-0	24851-98-7
25068-14-8	25155-18-4	25155-29-7	25167-82-2	25225-10-9
25254-50-6	25265-71-8	25304-14-7	25377-70-2	25628-84-6
25655-41-8	25988-97-0	26002-80-2	26062-79-3	26172-55-4
26248-98-6	26354-18-7	26530-03-0	26530-20-1	26545-49-3
26617-87-8	26635-93-8	26781-23-7	27083-27-8	27176-87-0
27236-65-3	27253-29-8	27323-41-7		

RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
 BIOL (Biological study); USES (Uses)

(bactericide combinations in detergents)

IT	27697-50-3	28069-74-1	28159-98-0	28219-61-6	28302-36-5
	28387-62-4	28434-00-6	28434-01-7	28558-32-9	28645-51-4,
	Oxacycloheptadec-10-en-2-one		28728-61-2	28772-56-7	28777-01-7
	28805-58-5	29232-93-7	29350-73-0	29463-06-7	29873-30-1
	29873-33-4	29973-13-5	30007-47-7	30388-01-3	30560-19-1
	30772-79-3	31075-24-8	31195-95-6	31218-83-4	31501-11-8
	31512-74-0	31906-04-4	32276-75-8	32289-58-0	32388-55-9
	33089-61-1	33704-61-9	33939-64-9	33972-49-5	34375-28-5
	34395-72-7	34413-35-9	34681-10-2	34911-46-1	35109-57-0
	35206-70-3	35285-68-8	35285-69-9	35367-38-5	35445-70-6
	35554-44-0	35575-96-3	35691-65-7	35950-52-8	36059-35-5
	36362-09-1	36631-23-9	36734-19-7	37139-99-4	37228-06-1
	37306-10-8, Chromium copper boride		38083-17-9	38260-54-7	
	38460-95-6D, 10-Undecenoyl chloride, reaction products with protein				
	hydrolyzates, potassium salts	38465-60-0	38664-03-8	38811-14-2	
	39236-46-9	39300-45-3	39354-45-5	39515-40-7	39650-63-0,
	1H-Benzimidazole-2-pentanamine	39660-17-8	39758-90-2	40027-80-3	
	40188-41-8	40596-69-8	41096-46-2	41877-16-1	42370-07-0
	42436-34-0	42534-61-2	43143-11-9	44992-01-0	46830-22-2
	46917-07-1	50542-90-0	50650-76-5	51015-28-2	51015-29-3
	51026-28-9	51200-87-4	51566-62-2	51580-86-0	51630-58-1
	52299-20-4	52304-36-6	52315-07-8	52513-11-8	52645-53-1
	52684-21-6	52684-23-8	52918-63-5	53082-58-9	53488-14-5
	53720-80-2	53727-58-5	54262-78-1	54406-48-3	54427-07-5, Copper
	boride	54464-57-2	54720-15-9	54779-21-4	55142-08-0
	55406-53-6	55566-30-8	55722-59-3	55965-84-9	56073-07-5
	56073-10-0	56148-34-6	56148-37-9	56148-40-4	56289-76-0
	56427-82-8	56709-13-8	56996-62-4, Glokill 77	57006-76-5	57382-78-2
	57413-95-3	57503-06-7	57520-17-9	57576-09-7	57837-19-1
	58206-95-4	58249-25-5	58769-20-3	59323-76-1	59324-17-3
	59355-53-2, Citrex S 5	60114-62-7D, 1-Propanaminium,			
	3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts				
	60168-88-9	60207-31-0	60207-90-1	60239-68-1	60568-05-0
	60736-58-5	60763-40-8	60784-31-8	60812-23-9	61692-81-7
	61692-84-0	61702-91-8	61842-86-2	62476-84-0D, Guanidine,	
	N,N''-1,3-propanediylbis-, N-coco alkyl derivs., acetates			62755-21-9	
	63085-03-0	63333-35-7	63500-71-0	63943-38-4	64359-81-5
	64440-88-6	64628-44-0	64665-57-2	64988-06-3	65059-43-0
	65289-97-6	65289-98-7	65290-00-8	65400-98-8	65630-22-0
	65694-09-9	65733-16-6	65733-18-8	66062-78-0	66063-61-4
	66065-55-2D, Benzenemethanaminium, N-(3-aminopropyl)-N,N-dimethyl-,				
	chloride, N-coco acyl derivs.	66091-24-5D, 1-Propanaminium,			
	3-amino-N-ethyl-N,N-dimethyl-, N-lanolin acyl derivs., Et sulfates				
	66204-44-2	66215-27-8	66789-18-2	66841-25-6	67100-72-5
	67171-34-0	67185-04-0	67228-83-5	67485-29-4	67508-69-4
	67633-95-8	67633-98-1	67633-99-2	67634-01-9	67634-12-2
	67634-14-4	67634-15-5	67634-25-7	67634-26-8	67747-09-5
	67772-01-4	67801-33-6	67801-44-9	67801-47-2	67845-46-9
	67846-68-8	68085-85-8	68134-42-9	68155-66-8	68155-67-9
	68188-98-7	68213-85-4	68224-19-1	68359-37-5	68480-15-9
	68480-16-0	68527-77-5	68527-84-4	68738-96-5	68797-57-9
	68890-66-4	68901-15-5	68929-85-1	68959-20-6	68991-96-8

68991-97-9 69094-18-4 69153-35-1 70161-44-3 70680-04-5
 70680-05-6 70754-17-5 70775-75-6 70788-30-6 70799-70-1
 70862-65-6 71297-57-9 71297-58-0 71297-59-1 71646-36-1
 RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
 BIOL (Biological study); USES (Uses)
 (bactericide combinations in detergents)

=> s l14 and fungicide
 57301 FUNGICIDE
 88880 FUNGICIDES
 99083 FUNGICIDE
 (FUNGICIDE OR FUNGICIDES)

L18 69 L14 AND FUNGICIDE

=> s l14 (S) fungicide
 57301 FUNGICIDE
 88880 FUNGICIDES
 99083 FUNGICIDE
 (FUNGICIDE OR FUNGICIDES)

L19 16 L14 (S) FUNGICIDE

=> d ibib abs 15-16 kwic

L19 ANSWER 15 OF 16 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1975:165602 HCAPLUS

DOCUMENT NUMBER: 82:165602

TITLE: Model experiments with the pheasant using one
 insecticide (lindane), one herbicide (
 terbutryne), one mineral fertilizer (calcium
 ammonium saltpeter), and one **fungicide**
 (HCB). I. **Terbutryn (Igran**
 50)

AUTHOR(S): Schulze, Hans; Treichler, J.

CORPORATE SOURCE: Inst. Wildtierforsch., Hannover, Fed. Rep. Ger.

SOURCE: Deutsche Tieraerztliche Wochenschrift (1975), 82(2),
 75-80

CODEN: DTTIAF; ISSN: 0012-0847

DOCUMENT TYPE: Journal

LANGUAGE: German

GI For diagram(s), see printed CA Issue.

AB A significant decrease in liver vitamin A [11103-57-4] content was observed
 in 140 pheasants (*Phasianus colchicus*) starting at the 20th day after
 administration of terbutryn (I) [886-50-0] in the feed. The decrease
 reached 56% after 14 days. The development and use of plant-protective
 agents is discussed.

TI Model experiments with the pheasant using one insecticide (lindane), one
 herbicide (**terbutryne**), one mineral fertilizer (calcium ammonium
 saltpeter), and one **fungicide** (HCB). I. **Terbutryn (**
 Igran 50)

L19 ANSWER 16 OF 16 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1973:449697 HCAPLUS

DOCUMENT NUMBER: 79:49697

TITLE: Relation between the chemical structure of s-triazines
 and fungitoxicity to *Sclerotium rolfsii*

AUTHOR(S): Ercegovich, C. D.; Chrzanowski, R. L.; Cole, H.;
 Herendeen, N.; Witkonton, S.

CORPORATE SOURCE: Pestic. Res. Lab., Pennsylvania State Univ.,
 University Park, PA, USA

SOURCE: Canadian Journal of Microbiology (1973), 19(3), 329-34
 CODEN: CJMIAZ; ISSN: 0008-4166

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Of 38 substituted s-triazine and 3 dialkyl biguanide analogs tested, none were fungicidal to *S. rolfssii* at the concentration of 100 µg/ml. Only ipazine (I) [1912-25-0] was highly fungistatic and 11 others were active against mycelial growth. The formation of sclerotia was completely inhibited by 2-amino-4-chloro-6-propylamino-s-triazine [37019-16-2] and 8 other s-triazines were as active as atrazine [1912-24-9] in inhibiting sclerotia formation. N1,N5-bis(ethyl)biguanide [40935-58-8] was the only chemical tested causing a significant increase in sclerotia formation. No absolute correlation was observed between biol. activity and chemical structure.

IT 108-80-5 122-34-9 139-40-2 645-93-2 673-04-1 834-12-8 841-06-5
886-50-0 1007-28-9 1014-69-3 1014-70-6 1610-17-9
1912-24-9 1912-25-0 2163-68-0 2599-11-3 2630-10-6 3397-62-4
4147-55-1 4147-57-3 4147-58-4 4658-28-0 4658-33-7 5210-74-2
5915-41-3 6190-65-4 7287-19-6 7374-53-0 13532-26-8 21725-42-8
21725-46-2 35708-80-6 35708-82-8 37019-16-2 40935-58-8
42775-53-1 49624-58-0 49624-61-5 49624-63-7 49624-65-9
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(fungicides)

=> d ibib abs kwic 13-14

L19 ANSWER 13 OF 16 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1975:558799 HCAPLUS

DOCUMENT NUMBER: 83:158799

TITLE: Model experiments in pheasants with an insecticide (lindane), a herbicide (**terbutryn**), a mineral fertilizer (calcium ammonium saltpeter), and a **fungicide** (HCB). IV. Lindane

AUTHOR(S): Schulze, Hans; Gehrmann, J.

CORPORATE SOURCE: Inst. Wildtierforsch. Hannover, Ahnsen, Fed. Rep. Ger.

SOURCE: Deutsche Tieraerztliche Wochenschrift (1975), 82(6), 235-7

CODEN: DTTIAF; ISSN: 0012-0847

DOCUMENT TYPE: Journal

LANGUAGE: German

GI For diagram(s), see printed CA Issue.

AB The effect of chronic dietary administration of Nexit (lindane)(I) [58-89-9] to pheasants on liver function was studied by monitoring the effect on vitamin A [11103-57-4] metabolism and tissue storage. Administration of I in the feed for 1-5 weeks had no significant influence on the vitamin A content of the liver.

TI Model experiments in pheasants with an insecticide (lindane), a herbicide (**terbutryn**), a mineral fertilizer (calcium ammonium saltpeter), and a **fungicide** (HCB). IV. Lindane

L19 ANSWER 14 OF 16 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1975:509466 HCAPLUS

DOCUMENT NUMBER: 83:109466

TITLE: Model experiments with an insecticide (lindane), herbicide (**terbutryn**), a mineral fertilizer (calcium ammonium nitrate), and a **fungicide** (HCB). II. Calcium ammonium nitrate

AUTHOR(S): Schulze, H.; Treichler, J.

CORPORATE SOURCE: Inst. Wildtierforsch. Hannover, Ahnsen, Fed. Rep. Ger.

SOURCE: Deutsche Tieraerztliche Wochenschrift (1975), 82(4), 163-6

CODEN: DTTIAF; ISSN: 0012-0847

DOCUMENT TYPE: Journal

LANGUAGE: German

AB Vitamin A [11103-57-4] levels were determined in the livers of 100 pheasants on a diet of feed mixed with calcium ammonium nitrate [15245-12-2] for

varying periods of time (maximum 35 days). There was no significant correlation between uptake of fertilizer and vitamin A level in male or female animals.

TI Model experiments with an insecticide (lindane), herbicide (**terbutryn**), a mineral fertilizer (calcium ammonium nitrate), and a **fungicide** (HCB). II. Calcium ammonium nitrate

=> d ibib abs kwic 10-12

L19 ANSWER 10 OF 16 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1978:59134 HCAPLUS

DOCUMENT NUMBER: 88:59134

TITLE: Model study in pheasants on the carry-over of the **fungicide** hexachlorobenzene, the insecticide lindane, and the herbicide **terbutryn**

AUTHOR(S): Fassbender, C. P.; Schulze, H.

CORPORATE SOURCE: Tieraerztl. Hochsch. Hannover, Hannover, Fed. Rep. Ger.

SOURCE: Wildl. Dis., [Proc. Int. Wildl. Dis. Conf.], 3rd (1976), Meeting Date 1975, 649-56. Editor(s): Page, Leslie A. Plenum: New York, N. Y.

CODEN: 36YYA5

DOCUMENT TYPE: Conference

LANGUAGE: German

AB Pheasants were fed hexachlorobenzene [118-74-1], lindane [58-89-9], or **terbutryn** [886-50-0] contaminated wheat for varying periods of time. Residues of these pesticides were determined by gas chromatog. in the liver, depot fat, and muscles. Hexachlorobenzene which was the more polar compound had the longest half-life but all 3 compds. were taken up by the animal and stored to varying degrees by the 3 tissues studied. When exposure to the pesticides ceased, residues of hexachlorobenzene were found in the liver, lindane in adipose tissue, and **terbutryn** in muscle and liver.

TI Model study in pheasants on the carry-over of the **fungicide** hexachlorobenzene, the insecticide lindane, and the herbicide **terbutryn**

L19 ANSWER 11 OF 16 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1977:448824 HCAPLUS

DOCUMENT NUMBER: 87:48824

TITLE: Experimental results concerning herbicidal weed control in vetch-oats mixed cultures

AUTHOR(S): Ciorlaus, A.; Sarpe, N.

CORPORATE SOURCE: Rom.

SOURCE: Analele Institutului de Cercetari pentru Cereale si Plante Tehnice-Fundulea, Academia de Stiinte Agricole si Silvice, Seria B: Agrofitotehnie si Agrochimie (1976), 41, 311-16

CODEN: ASASCE; ISSN: 0365-6462

DOCUMENT TYPE: Journal

LANGUAGE: Romanian

AB Five **fungicides** tested, i.e. 1.5 kg prometryne [7287-19-6], 0.75 kg methoproptryne [841-06-5], 1.5-3.5 kg **terbutryne** [886-50-0], 1.2-2 kg dinoseb acetate [2813-95-8], and 0.6-0.9 kg supersevttox (dinoseb NH4) [6365-83-9]/ha, controlled weeds in vetch-oats mixture (grown for fodder) with almost equal effectiveness, and increased the hay yield, without increasing the seed yield. The treatments increased the vetch population.

AB Five **fungicides** tested, i.e. 1.5 kg prometryne [7287-19-6], 0.75 kg methoproptryne [841-06-5], 1.5-3.5 kg **terbutryne** [886-50-0], 1.2-2 kg dinoseb acetate [2813-95-8], and 0.6-0.9 kg supersevttox (dinoseb NH4) [6365-83-9]/ha, controlled weeds in vetch-oats mixture (grown for fodder) with almost equal effectiveness, and increased the hay yield, without increasing the seed yield. The treatments

increased the vetch population.

L19 ANSWER 12 OF 16 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1975:589022 HCAPLUS

DOCUMENT NUMBER: 83:189022

TITLE: Model experiments in pheasants with an insecticide (lindane), a herbicide (**terbutryne**), a mineral fertilizer (calcium ammonium satpeter), and a **fungicide** (HCB). III. Abavit-HCB

AUTHOR(S): Schulze, H.; Gehrman, J.

CORPORATE SOURCE: Inst. Wildtierforsch. Hannover, Ahnsen, Fed. Rep. Ger.

SOURCE: Deutsche Tieraerztliche Wochenschrift (1975), 82(5), 202-5

CODEN: DTTIAF; ISSN: 0012-0847

DOCUMENT TYPE: Journal

LANGUAGE: German

AB Vitamin A [11103-57-4] storage capacity of the liver was tested as a criterion for organ damage after administration of Abavit (containing 10% hexachlorobenzene and 2% methoxyethylmercury silicate) [57017-84-2] to pheasants (*Phasianus colchicus*). No significant difference in vitamin A content was observed between exptl. and control birds.

TI Model experiments in pheasants with an insecticide (lindane), a herbicide (**terbutryne**), a mineral fertilizer (calcium ammonium satpeter), and a **fungicide** (HCB). III. Abavit-HCB

=> d ibib abs kwic 5-9

L19 ANSWER 5 OF 16 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:220190 HCAPLUS

DOCUMENT NUMBER: 130:233632

TITLE: Mixtures of benzothiophene derivative as synergistic fungicides and algicides

INVENTOR(S): Wachtler, Peter; Kugler, Martin; Kunisch, Franz

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Ger. Offen., 8 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19741403	A1	19990325	DE 1997-19741403	19970919
WO 9915015	A1	19990401	WO 1998-EP5735	19980909
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

AU 9895386 A1 19990412 AU 1998-95386 19980909

PRIORITY APPLN. INFO.: DE 1997-19741403 A 19970919

WO 1998-EP5735 W 19980909

AB The title binary or ternary mixts. comprise benzothiophene-2-(N-cyclohexyl)carboxamide S,S-dioxide and any of a large number of compds. such as terbutryne, isoproturon, diuron, etc.

IT 330-54-1D, Diuron, mixts. containing benzothiophene derivative and **886-50-0D, Terbutryn**, mixts. containing benzothiophene derivative and 10605-21-7 18691-97-9D, Methabenzthiazuron, mixts. containing

benzothiophene derivative and 26530-20-1D, mixts. containing benzothiophene derivative and 28159-98-0D, Irgarol 1071, mixts. containing benzothiophene derivative and 34123-59-6D, Isoproturon, mixts. containing benzothiophene derivative

and 55406-53-6D, IPBC, mixts. containing benzothiophene derivative and 64359-81-5D, mixts. containing benzothiophene derivative and 149118-66-1

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(synergistic **fungicides** and algicides)

L19 ANSWER 6 OF 16 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:20869 HCAPLUS

DOCUMENT NUMBER: 128:85436

TITLE: The influence of certain pesticides on sodium content in bean leaves (*Vicia faba* L.) and two soil types

AUTHOR(S): Salem, Hassan A. I.

CORPORATE SOURCE: Central Agricultural Pesticides Laboratory, Agricultural Research Center, Alexandria, Egypt

SOURCE: Alexandria Science Exchange (1997), 18(3), 371-383
CODEN: ALSEEF; ISSN: 1010-1098

PUBLISHER: Prof. Dr. A. M. Balba Group for Soil and Water Research

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The effect of three pesticides: Mephospholan (insecticide), Dithane M45 (**fungicide**) and **Terbutryn** (herbicide) on sodium content either in soil or plant was recorded. Field recommended concns. of the previous pesticides were applied. Two types of soils: clay loam soil and sandy clay loam soil were employed. Bean leaves (*Vicia faba*) Giza 3 were used as a source of sodium content in plant. The interaction between plant and soil as bioconcn. ratio (BCR) was also evaluated. Terbutryn gave the most reduction of sodium content in soil, plant and (BCR) followed by Dithane M45, while mephospholan gave the lowest reduction

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

AB The effect of three pesticides: Mephospholan (insecticide), Dithane M45 (**fungicide**) and **Terbutryn** (herbicide) on sodium content either in soil or plant was recorded. Field recommended concns. of the previous pesticides were applied. Two types of soils: clay loam soil and sandy clay loam soil were employed. Bean leaves (*Vicia faba*) Giza 3 were used as a source of sodium content in plant. The interaction between plant and soil as bioconcn. ratio (BCR) was also evaluated. Terbutryn gave the most reduction of sodium content in soil, plant and (BCR) followed by Dithane M45, while mephospholan gave the lowest reduction

L19 ANSWER 7 OF 16 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:134924 HCAPLUS

DOCUMENT NUMBER: 126:140986

TITLE: Synergistic biocidal compositions comprising mixtures of halopropynyl compounds and sulfur-containing triazines

INVENTOR(S): Kuusisto, Eeva-Liisa; Hansen, Kurt

PATENT ASSIGNEE(S): Troy Chemical Corporation, USA

SOURCE: Can. Pat. Appl., 26 pp.

CODEN: CPXXEB

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2175936	AA	19961109	CA 1996-2175936	19960507
CA 2175936	C	20020813		

US 5707929	A	19980113	US 1995-436554	19950508
AU 9652117	A1	19961121	AU 1996-52117	19960506
AU 706623	B2	19990617		
SK 281821	B6	20010806	SK 1996-572	19960506
CZ 291554	B6	20030416	CZ 1996-1308	19960506
NO 9601839	A	19961111	NO 1996-1839	19960507
NO 315891	B1	20031110		
EP 741971	A2	19961113	EP 1996-303172	19960507
EP 741971	A3	19980304		
EP 741971	B1	20001108		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
RO 114935	B3	19990930	RO 1996-935	19960507
HU 218042	B	20000528	HU 1996-1212	19960507
RU 2158084	C2	20001027	RU 1996-109054	19960507
AT 197370	E	20001111	AT 1996-303172	19960507
ES 2153538	T3	20010301	ES 1996-303172	19960507
PT 741971	T	20010430	PT 1996-303172	19960507
EG 22151	A	20020930	EG 1996-393	19960507
JP 09002909	A2	19970107	JP 1996-113874	19960508
JP 3488015	B2	20040119		
CN 1144600	A	19970312	CN 1996-110724	19960508
CN 1070689	B	20010912		
BR 9602190	A	19980407	BR 1996-2190	19960508
PL 185566	B1	20030630	PL 1996-314123	19960508
US 5948730	A	19990907	US 1997-991565	19971216
GR 3035312	T3	20010430	GR 2001-400138	20010129
PRIORITY APPLN. INFO.:			US 1995-436554	A 19950508

OTHER SOURCE(S): MARPAT 126:140986

AB This invention is directed to a broad spectrum **fungicide** /algicide composition which comprises a mixture of halopropynyl compound, such as IPBC, and sulfur-containing s-triazine, such as **terbutryn**. The composition can be used in industrial systems, and more particularly with substrates such as paints, coatings, stucco, concrete, stone, wood, caulking, sealants, textiles, and the like.

AB This invention is directed to a broad spectrum **fungicide** /algicide composition which comprises a mixture of halopropynyl compound, such as IPBC, and sulfur-containing s-triazine, such as **terbutryn**. The composition can be used in industrial systems, and more particularly with substrates such as paints, coatings, stucco, concrete, stone, wood, caulking, sealants, textiles, and the like.

L19 ANSWER 8 OF 16 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1985:555521 HCAPLUS

DOCUMENT NUMBER: 103:155521

TITLE: Soil algae: effects of herbicides on growth and acetylene reduction (nitrogenase) activity

AUTHOR(S): Wegener, K. E.; Aldag, R.; Meyer, B.

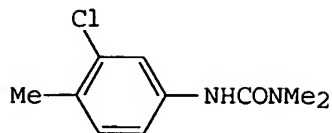
CORPORATE SOURCE: Inst. Bodenwiss., Georg August Univ. Goettingen, Goettingen, 3400, Fed. Rep. Ger.

SOURCE: Soil Biology & Biochemistry (1985), 17(5), 641-4
CODEN: SBIOAH; ISSN: 0038-0717

DOCUMENT TYPE: Journal

LANGUAGE: English

GI



AB The influence of the soil-applied herbicides [chlortoluron (I) [15545-48-9], **terbutryne** [886-50-0], metabenzthiazuron [18691-97-9], chloridazon [1698-60-8], and dinosebacetate [2813-95-8]] as well as the **fungicide** carbendazime [10605-21-7] on the growth and nitrogenase [9013-04-1] activity of soil algae was tested. The degree of algal cover on the soil surface was correlated with the measured C₂H₂ reduction (nitrogenase) activity. All the herbicides tested at recommended rates of application caused a total suppression of algal growth and C₂H₄ generation for several weeks. The fungicide had no detectable effect on algal populations or C₂H₂ reduction

AB The influence of the soil-applied herbicides [chlortoluron (I) [15545-48-9], **terbutryne** [886-50-0], metabenzthiazuron [18691-97-9], chloridazon [1698-60-8], and dinosebacetate [2813-95-8]] as well as the **fungicide** carbendazime [10605-21-7] on the growth and nitrogenase [9013-04-1] activity of soil algae was tested. The degree of algal cover on the soil surface was correlated with the measured C₂H₂ reduction (nitrogenase) activity. All the herbicides tested at recommended rates of application caused a total suppression of algal growth and C₂H₄ generation for several weeks. The fungicide had no detectable effect on algal populations or C₂H₂ reduction

L19 ANSWER 9 OF 16 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1985:483510 HCAPLUS

DOCUMENT NUMBER: 103:83510

TITLE: Persistence of **terbutryn** and atrazine in soil as affected by soil disinfection and **fungicides**

AUTHOR(S): Avidov, Elana; Aharonson, Nadav; Katan, Jaacov; Rubin, Baruch; Yarden, Oded

CORPORATE SOURCE: ARO, Volcani Cent., Bet Dagan, 50-250, Israel

SOURCE: Weed Science (1985), 33(4), 457-61

CODEN: WEESA6; ISSN: 0043-1745

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The effect of soil disinfection with MeBr [74-83-9] or by soil solarization (solar heating) and of the **fungicides** TMTD [137-26-8] and fentin acetate [900-95-8] on the degradation of **terbutryn** [886-50-0] and atrazine [1912-24-9] were investigated. The degradation of terbutryn appeared to follow 1st-order kinetics with a half-life of .apprx.2 wk and was much slower in MeBr-treated or solarized soils, i.e. half-life of .apprx.11 wk. Suppression of terbutryn degradation in the MeBr-treated soil was still evident 8 mo after soil fumigation, similar to that found in autoclaved soil. TMTD and fentin acetate, at 20 µg/g soil, strongly inhibited degradation of terbutryn in soil. Degradation of atrazine was affected to a lesser extent by soil disinfection. Apparently, biocidal soil treatments may slow herbicide degradation. Thus, herbicide dosages in disinfested soil should be adjusted in order to avoid phytotoxicity. Moreover, lower dosages might be sufficient to attain weed control, and combined disinfection or fungicides with herbicide treatments might be intentionally used to extend herbicide activity.

TI Persistence of **terbutryn** and atrazine in soil as affected by soil disinfection and **fungicides**

AB The effect of soil disinfestation with MeBr [74-83-9] or by soil solarization (solar heating) and of the **fungicides** TMTD [137-26-8] and fentin acetate [900-95-8] on the degradation of **terbutryn** [886-50-0] and atrazine [1912-24-9] were investigated. The degradation of terbutryn appeared to follow 1st-order kinetics with a half-life of .apprx.2 wk and was much slower in MeBr-treated or solarized soils, i.e. half-life of .apprx.11 wk. Suppression of terbutryn degradation in the MeBr-treated soil was still evident 8 mo after soil fumigation, similar to that found in autoclaved soil. TMTD and fentin acetate, at 20 µg/g soil, strongly inhibited degradation of terbutryn in soil. Degradation of atrazine was affected to a lesser extent by soil disinfestation. Apparently, biocidal soil treatments may slow herbicide degradation. Thus, herbicide dosages in disinfested soil should be adjusted in order to avoid phytotoxicity. Moreover, lower dosages might be sufficient to attain weed control, and combined disinfestation or fungicides with herbicide treatments might be intentionally used to extend herbicide activity.

IT Soils

(atrazine and **terbutryn** persistence in, **fungicides** and disinfestation effect on)

IT 886-50-0 1912-24-9

RL: BIOL (Biological study)

(persistence of, in soils, **fungicides** and soil disinfestation effect on)

=> s 115 and fungicide

57301 FUNGICIDE

88880 FUNGICIDES

99083 FUNGICIDE

(FUNGICIDE OR FUNGICIDES)

L20 334 L15 AND FUNGICIDE

=> s 115 (s) fungicide

57301 FUNGICIDE

88880 FUNGICIDES

99083 FUNGICIDE

(FUNGICIDE OR FUNGICIDES)

L21 83 L15 (S) FUNGICIDE

=> d ibib abs 60-65

L21 ANSWER 60 OF 83 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1987:529123 HCAPLUS

DOCUMENT NUMBER: 107:129123

TITLE: Tree treatment composition containing the reaction products of fungicides with acrylic resins

INVENTOR(S): Odor, Zoltan; Vajna, Laszlo; Hajos, Ferenc, Mrs.

PATENT ASSIGNEE(S): Innofinance Altalanos Innovacios Penzintezet, Hung.

SOURCE: PCT Int. Appl., 26 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 8700399	A1	19870129	WO 1986-HU43	19860716
W: BG, BR, DK, FI, JP, KR, NO, RO, SU, US				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
HU 41215	A2	19870428	HU 1985-2719	19850716
EP 229176	A1	19870722	EP 1986-904905	19860716
EP 229176	B1	19901017		

R: AT, CH, DE, FR, GB, IT, LI

AT 57458	E	19901115	AT 1986-904905	19860716
DD 255470	A5	19880406	DD 1986-293357	19860801
IL 79653	A1	19910630	IL 1986-79653	19860807
CN 86105414	A	19880323	CN 1986-105414	19860902
PRIORITY APPLN. INFO.:			HU 1985-2719	A 19850716
			EP 1986-904905	A 19860716
			WO 1986-HU43	A 19860716

AB A mixture of a fungicide, alkyl methacrylate and crosslinking inhibitor is heated or irradiated and the product is incorporated into a resin and/or wax, to give the material usable for the prevention and treatment of fungal diseases in arborescent vegetation. The product obtained by heating a mixture of 6 kg 1-[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazine with 8 g Me methacrylate and 6 kg hydroquinone, for 1 h, at 110°, was incorporated into a resin formed by mixing 40 kg polyisocyanate prepolymer with 11 kg BuOAc, 10 kg Al pigment, 5 kg TiO₂ and 3 kg Aerosil-380. The material obtained was suitable for preventive and curative treatment of powdery mildew, *Uncinula necator* and *Guignardia bidwellii* on trees. It formed a protective layer lasting for >1 yr, without inhibiting tree growth.

L21 ANSWER 61 OF 83 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1987:511003 HCAPLUS
 DOCUMENT NUMBER: 107:111003
 TITLE: Gel formulations for the treatment of pruning wounds. II. Results with differing gel and fungicide components and comparison with sealant compositions
 AUTHOR(S): Clifford, D. R.; Gendle, P.; Holgate, M. E.
 CORPORATE SOURCE: Dep. Agric. Sci., Univ. Bristol, Long Ashton/Bristol, BS18 9AF, UK
 SOURCE: Annals of Applied Biology (1987), 110(3), 501-14
 CODEN: AABIAV; ISSN: 0003-4746
 DOCUMENT TYPE: Journal
 LANGUAGE: English

AB Gels incorporating carbendazim and triadimefon were prepared from sodium alginate, a xanthan gum or an esterified alginic acid and evaluated as wound treatments on apple and plum trees. Fungicide movement and persistence were similar with sodium alginate and xanthan gels but movement was reduced and persistence increased with the esterified material. Callus tissue formation was not inhibited by any formulation. Adding acid to fungicides to form salts had little effect on fungicide movement or persistence and caused unacceptable phytotoxicity. Thiophanate-Me or thiabendazole were not superior to carbendazim, nor imazalil to triadimefon, for protection against *Nectria galligena* and *Chondrostereum purpureum*, resp. Sealants containing **octhilinone**, carbendazim plus captan, or mercuric oxide quickly established sufficient **fungicide** in the wood to eradicate *N. galligena* but possibly insufficient to protect adequately against *C. purpureum*. Gel formulations are valid alternatives to sealants as fresh wound pathogen treatments but fungicide persistence is insufficient for them to be recommended for treatment against mature wound pathogens.

L21 ANSWER 62 OF 83 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1987:511001 HCAPLUS
 DOCUMENT NUMBER: 107:111001
 TITLE: Comparison of paint and gel formulations for the treatment of *Nectria* cankers on apple trees
 AUTHOR(S): Clifford, D. R.; Gendle, P.; Holgate, M. E.; Hunter, T.
 CORPORATE SOURCE: Dep. Agric. Sci., Univ. Bristol, Long Ashton/Bristol, BS18 9AF, UK
 SOURCE: Annals of Applied Biology (1987), 110(3), 471-87
 CODEN: AABIAV; ISSN: 0003-4746
 DOCUMENT TYPE: Journal

LANGUAGE: English

AB A gel formulation containing carbendazim and triadimefon completely eradicated infection from scraped or unscraped cankers (*Nectria galligena*) and none became re-infected. Paint formulations containing mercuric oxide or octhilinone completely eradicated infection from scraped cankers but 30-50% of unscraped cankers receiving these treatments became re-infected. Scraping alone encouraged callus tissue formation but did not greatly reduce infection. **Fungicide** moved from gels into the wood beneath cankers and persisted there for up to 6 mo; movement of **fungicide** from mercuric oxide or **octhilinone** paints was minimal. Carbendazim was more effective than thiophanate-Me and xanthan gum than sodium alginate or alginate ester as fungicide and gel component, resp. Rainfall shortly after treatment probably aided movement of fungicide from gels into the wood but salt formation, by incorporation of acid, did little to improve fungicide performance. Unequivocal assessment of efficacy of canker treatment requires data on canker area changes, movement and persistence of active ingredient in the wood and extent of re-infection after 12 mo.

L21 ANSWER 63 OF 83 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1987:431266 HCAPLUS

DOCUMENT NUMBER: 107:31266

TITLE: Color imaging process involving dye diffusion

INVENTOR(S): Nakamura, Koichi; Shibata, Takeshi; Hirai, Hiroyuki

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 28 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
JP 62000953	A2	19870106	JP 1986-17761	19860131
PRIORITY APPLN. INFO.:			JP 1985-18446	A1 19850201

AB In the claimed color-imaging process, the diffusion of the dyes (released from dye-releasing redox compds.) from a photosensitive unit to a dye-mordanting unit is effected in an aqueous medium in the presence of bactericides and/or fungicides. The above dyes are preferably released (or formed) by thermal development. The method gives an improved dye diffusion rate and gives high quality images. A color diffusion-transfer photothermog. film was imagewise exposed, then contacted with a dye-mordanting polymer-coated receptor sheet whose surface was wetted with an aqueous solution containing 5-chloro-2-methyl-4-isothiazolin-3-one, and heated to give high-quality color images on the receptor.

L21 ANSWER 64 OF 83 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1987:20023 HCAPLUS

DOCUMENT NUMBER: 106:20023

TITLE: Evaluation of fungicidal paints

AUTHOR(S): Grant, C.; Bravery, A. F.; Springle, W. R.; Worley, W.

CORPORATE SOURCE: Biodeterior. Sect., Princes Risborough Lab., Aylesbury/Buckinghamshire, UK

SOURCE: International Biodeterioration (1986), 22(3), 179-94

CODEN: INBIEA; ISSN: 0265-3036

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The evaluation of fungicidal paints by laboratory tests, site trials, and a high-humidity test chamber was described. The laboratory tests, which were reproducible and rapid, provided a useful basis for making comparative assessment of products on candidate fungicides, but site trials were unreliable predictors of service performance. The mold test chamber

provided a highly discriminative assessment of performance but did not predict the actual service life of paints. Paints containing thiram [137-26-8] and Ba(BO₂)₂ performed very well in the tests.

L21 ANSWER 65 OF 83 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1986:420508 HCAPLUS
DOCUMENT NUMBER: 105:20508
TITLE: Stabilized fungicide compositions
INVENTOR(S): Gabriele, Peter D.; Rademan, Jerry E.
PATENT ASSIGNEE(S): Ciba-Geigy Corp., USA
SOURCE: U.S., 18 pp. Cont.-in-part of U.S. Ser. No. 334,197, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4552885	A	19851112	US 1982-451185	19821222
DK 8205707	A	19830625	DK 1982-5707	19821223
NO 8204355	A	19830627	NO 1982-4355	19821223
CA 1195246	A1	19851015	CA 1982-418503	19821223
JP 58116401	A2	19830711	JP 1982-235008	19821224
JP 04071881	B4	19921116		

PRIORITY APPLN. INFO.: US 1981-334197 A2 19811224
AB A 2,2,6,6-tetraalkylpiperidine and (or) a known UV absorber are light stabilizers for fungicides. Thus, as shown by yellowness index measurements, 1.5% 2-(2-hydroxy-3,5-di-tert-amylphenyl)-2H-benzotriazole plus 1.5% bis-(1,2,2,6,6-pentamethyl-4-piperidyl)decanedioate protected polyphase, formulated in an acrylic latex, against photodegrdn.

=> d ibib abs 30-35

L21 ANSWER 30 OF 83 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1999:484598 HCAPLUS
DOCUMENT NUMBER: 131:323341
TITLE: Activities of fungicides in plasticized PVC
AUTHOR(S): Borgmann-Strahsen, Renate; Mellor, Malcolm T. J.
CORPORATE SOURCE: Mikrobiol. Abt., Akzo Nobel Chemicals, Duren, Germany
SOURCE: Kunststoffe (1999), 89(7), 68-70,72-74
CODEN: KUNSAV; ISSN: 0023-5563

PUBLISHER: Carl Hanser Verlag
DOCUMENT TYPE: Journal
LANGUAGE: German

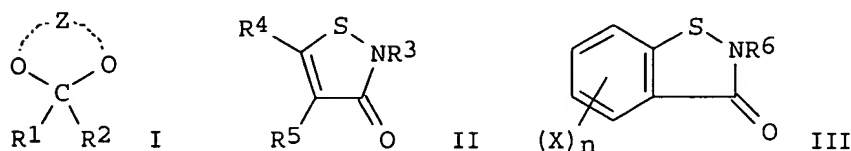
AB To investigate the prevention of fungicidal attacks on soft PVC, appropriate PVC foils with 4 different **fungicides** (OIT: 2-n-octyl-4-isothiazolin-3-one, IPBC: 3-iodo-2-propynylbutyl carbamate, OBPA: 10,10-oxybisphenoxarsine, and DCOIT: 4,5-dichloro-2-n-octyl-isothiazolin-3-one) were fabricated and subjected to microbiol. tests (disk test and NSA-test) with various fungi. The following fungi were used in these tests: Penicillium funiculosum, Paecilomyces variotii, Trichoderma longibrachiatum, Chaetomium globosum, and Aspergillus niger. Fungistatic activities were measured for OBPA, OIT, and IPBC whereas DCOIT showed no activity against fungi. Best leaching resistance against H₂O exhibited also OBPA.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 31 OF 83 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1999:426990 HCAPLUS

DOCUMENT NUMBER: 131:122867
 TITLE: Silver halide photographic material containing fungicides
 INVENTOR(S): Hara, Akiko; Shinba, Satoru
 PATENT ASSIGNEE(S): Konica Co., Japan; Konica Minolta Holdings, Inc.
 SOURCE: Jpn. Kokai Tokkyo Koho, 36 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11184039	A2	19990709	JP 1997-353058	19971222
JP 3572509	B2	20041006		
PRIORITY APPLN. INFO.:			JP 1997-353058	19971222
OTHER SOURCE(S):	MARPAT 131:122867			
GI				



AB The title material contains, in ≥ 1 of the photog. constitutive layers, (1) ≥ 1 of I ($R_1, R_2 = H, \text{alkyl}$; $Z = \text{atoms required to form a 5- or 6-membered saturated ring having YCNO}_2$ ($Y = \text{halo}$) in its ring) and ≥ 1 of II ($R_3 = H, \text{alkyl, alkenyl, aralkyl, aryl, heterocycle, CONR}_9\text{R}_{10}, \text{CSR}_9\text{R}_{10}$; $R_4, R_5 = H, \text{alkyl, aryl, CN, heterocycle, alkylthio, alkylsulfoxy, alkylsulfonyl}$; $R_9, R_{10} = H, \text{alkyl, aryl, aralkyl}$), (2) ≥ 1 of I and ≥ 1 of III ($R_6 = H, \text{alkyl}$; $X = H, \text{halo, alkyl, alkoxy}$; $n = 0-4$), or (3) ≥ 1 of I and ≥ 1 of $R_7\text{CBr(NO}_2\text{)CHR}_8\text{OH}$ (IV; $R_7 = H, \text{alkyl, CH}_2\text{OH}$; $R_8 = H, \text{alkyl}$). The material may contain ≥ 1 combination of I and II, I and III, and I and IV in a photog. constitutive layer coating solution containing ≤ 2.0 weight% volatile organic solvent. These compds. show excellent antifungal effects without adverse effects on the photog. properties even if the quantity of organic solvent used is decreased.

L21 ANSWER 32 OF 83 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:220190 HCAPLUS
 DOCUMENT NUMBER: 130:233632
 TITLE: Mixtures of benzothiophene derivative as synergistic fungicides and algicides
 INVENTOR(S): Wachtler, Peter; Kugler, Martin; Kunisch, Franz
 PATENT ASSIGNEE(S): Bayer A.-G., Germany
 SOURCE: Ger. Offen., 8 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19741403	A1	19990325	DE 1997-19741403	19970919
WO 9915015	A1	19990401	WO 1998-EP5735	19980909
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,				

KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9895386 A1 19990412 AU 1998-95386 19980909
PRIORITY APPLN. INFO.: DE 1997-19741403 A 19970919
WO 1998-EP5735 W 19980909

AB The title binary or ternary mixts. comprise benzothiophene-2-(N-cyclohexyl)carboxamide S,S-dioxide and any of a large number of compds. such as terbutryne, isoproturon, diuron, etc.

L21 ANSWER 33 OF 83 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:188919 HCAPLUS
DOCUMENT NUMBER: 130:253718
TITLE: Application of mildewcide laden film and composition based on nonionic surfactant, binder, and mildewcide
INVENTOR(S): Owens, Richard L.
PATENT ASSIGNEE(S): USA
SOURCE: U.S., 8 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 5882731	A	19990316	US 1997-899397	19970723
PRIORITY APPLN. INFO.:			US 1997-899397	19970723

AB Applying a mildewcide compound laden film to surfaces is achieved by applying an aqueous, film-depositing composition of a mildewcide compound, a nonionic surfactant, H₂O, and ≥ 1 film-former onto the substrate surface, allowing to stand momentarily, and rinsing with H₂O to leave a durable, virtually invisible film that is mildew resistant, paintable and its sheen closely mimics that of the substrate. Thus, a coating composition contained (a) ≥ 1 wax, (b) ≥ 1 fatty amine such as Armac HT, (c) ≥ 1 amino silicone such as Dow Corning 929, (d) ≥ 1 nonionic surfactant such as Tergitol 9N10, (e) ≥ 1 mildewcide compound, and (f) an aqueous solvent. The preferred mildewcides are Busan, 2-(thiocyanomethylthio)benzothiazole, and Polyphase 3-iodo-2-propynylbutyl carbamate.

REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 34 OF 83 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:136790 HCAPLUS
DOCUMENT NUMBER: 130:193098
TITLE: Fungicidal film for mildew control
INVENTOR(S): Owens, Richard L.
PATENT ASSIGNEE(S): USA
SOURCE: PCT Int. Appl., 23 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
WO 9908516	A1	19990225	WO 1997-US14674	19970820
W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, GH, HU, IL, IS,				

JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO,
 SG, SI, SK, SL, TR, TT, UA, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ,
 MD, RU, TJ, TM
 RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR,
 GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
 GN, ML, MR, NE, SN, TD, TG

AU 9742324 A1 19990308 AU 1997-42324 19970820

PRIORITY APPLN. INFO.: WO 1997-US14674 A 19970820

AB A method is disclosed for applying an aqueous, fungicidal film-depositing composition onto a surface, allowing to stand momentarily, and rinsing with water. After rinsing, a residual, durable, invisible film remains. This film is mildew resistant, paintable and its sheen closely mimics that of the surfaces prior to application of the aqueous composition. The aqueous

composition comprises a mildew-control fungicide, carnauba wax, a fatty amine, an amino silicone and a nonionic surfactant. Suitable **fungicides** are Busan, 2-(thiocyanomethylthio)benzothiazole, 3-iodo-2-propynylbutyl carbamate, 2,4,5,6-tetrachloroisophthalonitrile, 2-(4-thiazolyl)benzimidazole, **2-N-octyl-4-isothiazolin-3-one** and/or diiodomethyl p-tolyl sulfone.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 35 OF 83 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:585771 HCAPLUS

DOCUMENT NUMBER: 129:246461

TITLE: Antibacterial fungicidal polyolefin monofilaments

INVENTOR(S): Kimura, Yoshikazu; Shoda, Masahiro

PATENT ASSIGNEE(S): Kanebo, Ltd., Japan; Kanebo Kasei K. K.

SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10237716	A2	19980908	JP 1997-36240	19970220
PRIORITY APPLN. INFO.:			JP 1997-36240	19970220

AB The antibacterial monofilaments consist mainly of polyolefins and contain antibacterial zeolites and thiazoline compound organic bactericides. The monofilaments are useful for air filters and antibacterial fabrics. A composition containing polypropylene 100, antibacterial A zeolite (containing 10 parts Ag ion per 100 parts zeolite) 0.5, and 2-n-octyl-4-isothiazolin-3-one 0.1 part was melt spun and drawn to give monofilaments with tenacity 6.0-7.0 g/denier and no yarn breaks. The spun monofilament were made into a woven net to give a filter exhibiting bacteria reduction amount ≥99.9% as determined by a specified test and good resistance to fungus growth and good light resistance.

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L22 0 L15 AND ALGICIE

=> s 115 and algae

43961 ALGAE

29 ALGAES

43972 ALGAE

(ALGAE OR ALGAES)

L23 24 L15 AND ALGAE

=> s l15 (s) algae

43961 ALGAE

29 ALGAES

43972 ALGAE

(ALGAE OR ALGAES)

L24 4 L15 (S) ALGAE

=> d ti tot

L24 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN

TI Coating a silicate glass substrate with a Si-containing layer improving a resistance against fungi, algae, bacteria, etc.

L24 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN

TI Determination of leaching rate of Sea-Nine 211 active ingredient, 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one (RH-287) from antifouling paints by gas chromatography

L24 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN

TI Algicidal performance of bromine biocides and recommendations for algae control in cooling water systems

L24 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN

TI Isothiazolones in leather preservation

=> d ibib abs tot

L24 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:849560 HCAPLUS

DOCUMENT NUMBER: 137:356873

TITLE: Coating a silicate glass substrate with a Si-containing layer improving a resistance against fungi, algae, bacteria, etc.

INVENTOR(S): Sirejacob, Gino

PATENT ASSIGNEE(S): ICT Coatings N.V., Belg.

SOURCE: PCT Int. Appl., 39 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
WO 2002088043	A1	20021107	WO 2002-BE56	20020422
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003026907	A1	20030206	US 2001-843618	20010426
US 6635305	B2	20031021		
EP 1381576	A1	20040121	EP 2002-727053	20020422
EP 1381576	B1	20050323		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
AT 291565	E	20050415	AT 2002-727053	20020422

PRIORITY APPLN. INFO.:

US 2001-843618

A 20010426

WO 2002-BE56

W 20020422

AB Process for coating of a face of a siliceous substrate with a silicon containing layer includes (a) treating the surface with a composition containing at least one biocide, and reacting with a reactive composition for forming a silicon-containing layer chemical bound to the siliceous substrate, especially a fluoro silane or siloxane compound. The biocide composition is selected from aqueous composition, solvent-containing composition, alc.-containing composition, and mixts. thereof. The biocide treatment step is carried out in presence of ≥ 1 free-radical scavenger selected from 3,3-thiodipropionic acid, L-ascorbic acid, D-ascorbic acid, fumaric acid, diethylhydroxylamine, glutaraldehyde, butyraldehyde, L-tartaric acid, 4-methoxyphenol, Pr gallate and mixts. thereof. The portion of the face is treated with a composition containing ≥ 1 metal ion selected from Cu, Ag, Au, Pt, Zn, Mg, Ca, Na, Cd, Rh, or Pd before the reacting said portion with the reactive Si-containing composition.

At least one biocide present in the composition is selected from thiazole compds., isothiazole compound, glutaraldehyde, isothiazoline compds., ammonium, phosphonium, ammonium-phosphonium compds., and their derivs.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:764840 HCAPLUS

DOCUMENT NUMBER: 138:206512

TITLE: Determination of leaching rate of Sea-Nine 211 active ingredient, 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one (RH-287) from antifouling paints by gas chromatography

AUTHOR(S): Takahashi, Kazunobu; Ebara, Masami; Mabuchi, Kenzo; Numata, Keiichi

CORPORATE SOURCE: Technical Division, Kanae Paint Co., Ltd., Osaka, 538-0044, Japan

SOURCE: Shikizai Kyokaishi (2002), 75(8), 365-370
CODEN: SKYOAO; ISSN: 0010-180X

PUBLISHER: Shikizai Kyokai

DOCUMENT TYPE: Journal

LANGUAGE: English

AB An isothiazolone compound, 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one (RH-287) which is active ingredient in Sea-Nine 211, is one of the alternative tin-free antifoulants which show high activity against a wide range of bacteria, algae and fouling organisms. A simple and sensitive method for determination of RH-287 at low ppb (ppb) level in seawater has been developed by gas chromatog. RH-287 in seawater that leached from an antifouling paint film was extracted into hexane, and determined by gas chromatog. with an electron capture detector (GC-ECD). The recoveries of RH-287 (12.6 $\mu\text{g/l}$) spiked into seawater were 92.9 to 100.6%. The limit of determination of RH-287 using 100mL of seawater was 0.3 $\mu\text{g/l}$ for this anal. method. The GC method was applied onto measurement of the leaching rates ($\mu\text{g/cm}^2/\text{day}$) of RH-287 from antifouling paints containing Sea-Nine 211 and TEP-RH 287 complex.

REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:739765 HCAPLUS

DOCUMENT NUMBER: 137:364806

TITLE: Algicidal performance of bromine biocides and recommendations for algae control in cooling water

systems
AUTHOR(S): Cooper, Andrew J.; Dallmier, Anthony W.
CORPORATE SOURCE: Nalco Chemical Company, Naperville, IL, USA
SOURCE: Official Proceedings - International Water Conference
(2000), 61st, 109-118
CODEN: OIWCEQ; ISSN: 0739-4977
PUBLISHER: Engineers' Society of Western Pennsylvania
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Algae growth in com. and industrial water systems is aesthetically undesirable, may lead to increased fouling by other microorganisms, make decks and walkways slippery, cause plugging of screens and nozzles, and result in increased demand on biocide programs. Algal fouling can be particularly challenging during the spring and summer, and in regions with increased temps. and/or sunlight. Most cooling water biol. control programs were developed to control bacterial fouling. Algae are extremely diverse groups of photosynthetic organisms related to bacteria and plants. Higher biocide doses are frequently used to control algal fouling than are required to control bacterial fouling. By using a combination of mech., operational, and chemical techniques, system operators can manage algal fouling. This paper presents results of laboratory and field studies that evaluated algicidal properties of stabilized and unstabilized halogen biocides. These studies also evaluated the algicidal properties of isothiazolone-based non-oxidizing biocide compns. Also presented are results of field studies to evaluate the efficacy of stabilized alkaline liquid bromine antimicrobial at controlling algal fouling in open recirculating cooling water systems. Mech., operational, and chemical recommendations for algae control are summarized to serve as a reference for end-users who require solns. to algae control problems.

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1975:32478 HCAPLUS

DOCUMENT NUMBER: 82:32478

TITLE: Isothiazolones in leather preservation

AUTHOR(S): Levy, Jerome Frederick; Lewis, Sheldon N.; Prentiss, William C.

CORPORATE SOURCE: Rohm and Haas, Spring House, PA, USA

SOURCE: Revue Technique des Industries du Cuir (1974), 66(8), 264-9

CODEN: RTICAS; ISSN: 0035-4236

DOCUMENT TYPE: Journal

LANGUAGE: French

GI For diagram(s), see printed CA Issue.

AB A homologous series of N-alkyl-4-isothiazol-3-ones (I, n = 4, 6, 8, 9, 10) were effective in preventing mold growth on sheepskin after pickling, vegetable tanning, and dyeing and had an acceptable level of toxicity in use and in processing effluent. In I the water solubility and fungicidal activity tended to decrease as n increased. N-octyl-4-isothiazol-3-one (I, n = 8) [26530-20-1] was especially effective against bacteria and algae growth.

=> s 115 and (paint or caulking or wood or textile)

59520 PAINT

44183 PAINTS

75138 PAINT

(PAINT OR PAINTS)

1524 CAULKING

19 CAULKINGS

1535 CAULKING

(CAULKING OR CAULKINGS)

155042 WOOD

8470 WOODS
158715 WOOD
(WOOD OR WOODS)

81828 TEXTILE
106025 TEXTILES
139373 TEXTILE

(TEXTILE OR TEXTILES)

L25 193 L15 AND (PAINT OR CAULKING OR WOOD OR TEXTILE)

=> s l15 (S) (paint or caulking or wood or textile)

59520 PAINT
44183 PAINTS
75138 PAINT
(PAINT OR PAINTS)
1524 CAULKING
19 CAULKINGS
1535 CAULKING
(CAULKING OR CAULKINGS)

155042 WOOD
8470 WOODS
158715 WOOD
(WOOD OR WOODS)

81828 TEXTILE
106025 TEXTILES
139373 TEXTILE

(TEXTILE OR TEXTILES)

L26 85 L15 (S) (PAINT OR CAULKING OR WOOD OR TEXTILE)

=> d ibib abs 83-84

L26 ANSWER 83 OF 85 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1974:554602 HCAPLUS

DOCUMENT NUMBER: 81:154602

TITLE: Problem of in-can preservation of aqueous paints and a solution of this problem

AUTHOR(S): Carter, G.; Huddart, G.

CORPORATE SOURCE: Org. Div., Imp. Chem. Ind. Ltd., Blackley/Manchester, UK

SOURCE: Farbe + Lack (1974), 80(8), 708-14
CODEN: FALAAA; ISSN: 0014-7699

DOCUMENT TYPE: Journal

LANGUAGE: German

AB Mixts. of 1,2-benzisothiazolin-3-one [2634-33-5] with ZnO [1314-13-2], 2-(4-thiazolyl)benzimidazole [148-79-8], tributyltin oxide [56-35-9], or 2-octyl-3-isothioazolone [26530-20-1] are recommended as bactericides to prevent molding of H2O-based **paints**. Legal restrictions on the use of Hg [7439-97-6] compds. and phenols as fungicides, and methods for evaluating the effectiveness of fungicides, are discussed.

L26 ANSWER 84 OF 85 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1974:507418 HCAPLUS

DOCUMENT NUMBER: 81:107418

TITLE: Nonmercurial preservatives, their effectiveness and relation to raw materials in latex paints

AUTHOR(S): Edwards, J. N.; Smith, W. A., IV

CORPORATE SOURCE: Kansas City Soc. Paint Technol., Kansas City, MO, USA

SOURCE: Journal of Paint Technology (1974), 46(589), 37-45
CODEN: JPTYAX; ISSN: 0094-8691

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The effectiveness of 13 paint preservatives was evaluated when variations were made in the vehicle, surfactants, and the type of thickener used in latex interior flat and semi-gloss formulations, and 9 mildewcides were

evaluated as in-can preservatives in an exterior acrylic formulation. Some nonmercurials were equivalent to phenyl mercury compds. in activity, but a general color shift was observed with a majority of the nonmercurials. The most meaningful data were obtained from PVA systems, because the acrylic latex paints proved more resistant to bacteria growth.

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 4476359 PY>2001
 L27 56 L26 NOT PY>2001

=> focus
 PROCESSING COMPLETED FOR L27
 L28 56 FOCUS L27 1-

=> d ibib abs 1-5

L28 ANSWER 1 OF 56 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1979:139123 HCAPLUS
 DOCUMENT NUMBER: 90:139123
 TITLE: Formaldehyde-stabilized coating compositions
 INVENTOR(S): Greenfield, Stanley A.; Dupont, John A.
 PATENT ASSIGNEE(S): Rohm and Haas Co., USA
 SOURCE: U.S., 8 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4129448	A	19781212	US 1977-830716	19770906
GB 1474983	A	19770525	GB 1974-35369	19740812
CA 1033292	A1	19780620	CA 1974-206929	19740813
JP 50050432	A2	19750506	JP 1974-93780	19740815
JP 57036943	B4	19820806		
ZA 7405255	A	19751029	ZA 1974-5255	19740815
FI 7402446	A	19750221	FI 1974-2446	19740819
FI 59607	B	19810529		
FI 59607	C	19810910		
DK 7404420	A	19750428	DK 1974-4420	19740819
DK 146722	B	19831212		
DK 146722	C	19840528		
BR 7406843	A0	19750603	BR 1974-6843	19740819
FR 2250807	A1	19750606	FR 1974-28484	19740819
AU 7472499	A1	19760219	AU 1974-72499	19740819
IT 1016840	A	19770620	IT 1974-69558	19740819
NL 7411124	A	19750224	NL 1974-11124	19740820
NL 178689	B	19851202		
NL 178689	C	19860501		
FR 2257587	A1	19750808	FR 1975-11207	19750410
US 4165318	A	19790821	US 1978-944830	19780918
PRIORITY APPLN. INFO.:			US 1973-389745	A2 19730820
			US 1977-830716	A3 19770906

AB Acrylic paints containing a mildew-controlling amount of an isothiazolone are stabilized against chemical decomposition of the isothiazolone by addition of HCHO

[50-00-0] or a compound releasing HCHO under basic conditions. For example, an acrylic paint (pH 9.1) containing 2-octyl-3-isothiazolone [26530-20-1] or 5-chloro-2-octyl-3-isothiazolone [26530-24-5] for mildew control and HCHO could be stored at 140°F for 10 days, showing no decomposition of the isothiazolones.

L28 ANSWER 2 OF 56 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1972:463442 HCAPLUS

DOCUMENT NUMBER: 77:63442

TITLE: Nonmetallic paint mildewcide and can preservative for the seventies

AUTHOR(S): Scott, J. David; Dickert, A. David

CORPORATE SOURCE: Rohm and Haas Co., Philadelphia, PA, USA

SOURCE: American Paint Journal (1972), 56(49), 66, 68-74

CODEN: APJOAO; ISSN: 0003-0317

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Fungicidal, bacteriostatic, biodegradable, and EPA-approved 2-

n-octyl-4-isothiazolin-3-

one (I) [26530-20-1], available as a propylene glycol

solution, imparted in-the-can storage stability to white (ZnO) exterior latex paints.

L28 ANSWER 3 OF 56 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1993:54332 HCAPLUS

DOCUMENT NUMBER: 118:54332

TITLE: Synergistic fungicides containing dichlorooctylisothiazolinone and trichlorophenol, for wood.

INVENTOR(S): Sukai, Yoshiaki; Ueda, Hiroshi

PATENT ASSIGNEE(S): Rohm and Haas Co. Japan KK, Japan; Zaiensu K. K.

SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04244003	A2	19920901	JP 1991-10976	19910131
PRIORITY APPLN. INFO.:			JP 1991-10976	19910131

AB Synergistic fungicides for wood contain 4,5-dichloro-2

-n-octyl-4-isothiazolin-3

-one (I) and 2,4,6-trichlorophenol (II) as active ingredients.

A mixture of II 2.0, I 0.1, NaOH 0.4, nonionic surfactants 0.4, and H2O to 100 weight% showed complete control of wood fungi, vs. 40% or 20%, without I or II, resp.

L28 ANSWER 4 OF 56 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1984:467786 HCAPLUS

DOCUMENT NUMBER: 101:67786

TITLE: Fungistatic composition containing thiocyanomethylthiobenzothiazole and 2-n-octyl-4-isothiazolin-3-one

INVENTOR(S): Berg, Bo Goran; Ristila, Jouko Antero

PATENT ASSIGNEE(S): Kemira Oy, Finland

SOURCE: Finn., 13 pp.

CODEN: FIXXAP

DOCUMENT TYPE: Patent

LANGUAGE: Finnish

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI 65360	B	19840131	FI 1982-1757	19820518
FI 65360	C	19861114		
PRIORITY APPLN. INFO.:			FI 1982-1757	19820518

AB Thiocyanomethylthiobenzothiazole-2-n-octyl-4-isothiazolin-3-one mixture [91265-14-4] (2-3:1) had wood preserving activity superior to that of either compound alone. Different formulations of the above mixture are given and their effectiveness against a number of fungi and bacteria are discussed.

L28 ANSWER 5 OF 56 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1976:407316 HCAPLUS
DOCUMENT NUMBER: 85:7316
TITLE: Isothiazolones as paint film mildewcides
AUTHOR(S): Dupont, John A.; Lashen, Edward S.; Scott, J. David
CORPORATE SOURCE: Rohm and Haas Res. Lab., Spring House, PA, USA
SOURCE: Papers presented at [the] Meeting - American Chemical Society, Division of Organic Coatings and Plastics Chemistry (1974), 34(2), 149-55
CODEN: ACOCAO; ISSN: 0096-512X
DOCUMENT TYPE: Journal
LANGUAGE: English

AB 2-Octyl-4-isothiazolin-3-one (I) [26530-20-1] showed the best mildewcidal performance in acrylic latex paints in outdoor exposure tests involving a number of isothiazolone derivs. selected from primary screening test performances. I was particularly effective in the presence of ZnO. The coating compns. were tested under water leaching conditions.

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---Logging off of STN---

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Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	254.23	329.07

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-30.00	-30.00

STN INTERNATIONAL LOGOFF AT 14:40:54 ON 31 JAN 2006